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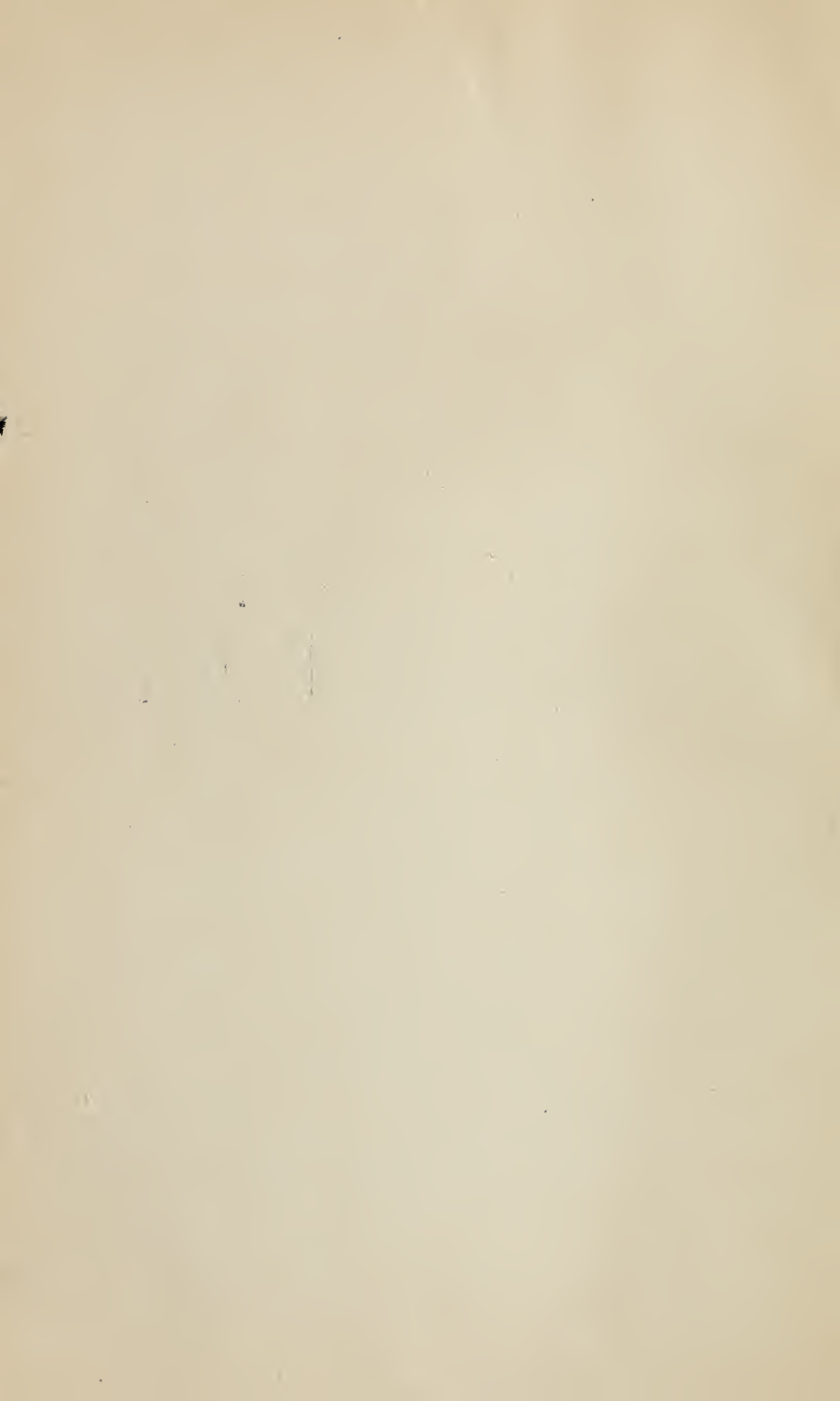
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Homeopathic Medical Department
State University of Iowa

ANNOUNCEMENT

1892-93

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SIXTEENTH ANNUAL ANNOUNCEMENT

OF THE

HOMEOPATHIC MEDICAL DEPARTMENT

OF THE

STATE UNIVERSITY OF IOWA

IOWA CITY, IOWA

1892-93

PUBLISHED BY THE UNIVERSITY

1892

Homeopathic Medical Department.

FACULTY.

CHARLES A. SCHAEFFER, A. M., PH. D.,
President.

ALLEN C. COWPERTHWAIT, M. D., PH. D., LL. D.,
Professor of Materia Medica and Therapeutics, and Dean of the Faculty.

WILMOT H. DICKINSON, M. D.,
Professor of Theory and Practice, and Clinical Medicine.

JAMES G. GILCHRIST, A. M., M. D.,
Professor of Surgery and Surgical Gynecology.

CHARLES H. COGSWELL, M. D.,
Professor of Obstetrics and Diseases of Women.

FRANK J. NEWBERRY, M. D., O. et A. Chir.
Professor of Ophthalmology, Otolaryngology, and Paedology.

CHARLES A. SCHAEFFER, Ph. D.,
Professor of Chemistry and Toxicology.

SAMUEL CALVIN, A. M., PH. D.,
Professor of Histology, and Director of the Laboratory.

D. W. DICKINSON, M. D.,
Assistant to the Chair of Theory and Practice.

FRANK S. ABY, M. S.
Instructor in Histology.

ELBERT W. ROCKWOOD, A. M.,
Demonstrator of Chemistry.

EDWARD H. WILLIAMS, M. D.,
Demonstrator of Histology.

FRED C. SAGE,
Clinical Assistant and Resident Hospital Physician.

J. E. COWPERTHWAIT,
Curator and Librarian.

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ADDITIONAL INSTRUCTORS.

MEDICAL DEPARTMENT.

WOODS HUTCHINSON, A. M., M. D.,
Professor of Anatomy.

JAMES R. GUTHRIE, A. M., M. D.,
Professor of Physiology and Microscopic Anatomy.

GERSHOM H. HILL, M. D.,
(Superintendent of the Hospital for the Insane at Independence.)
Lecturer on Insanity.

JOHN W. HARRIMAN, M. D.,
Demonstrator of Anatomy.

LAW DEPARTMENT.

EMLIN McCLAIN, A. M., L.L. D.,
Lecturer on Medical Jurisprudence.

EXAMINERS.

B. BANTON, M. D., *Waterloo.*
A. P. HANCHETT, M. D., *Council Bluffs.*
W. BANCROFT, M. D., *Keokuk.*

Homeopathic Medical Department.

The sixteenth annual course of lectures will commence September 21st, 1892, and will continue until March 14th, 1893.

There will be a vacation, commencing December 23d, 1892, and ending January 4th, 1893.

A preliminary examination will be required of all students entering the first year, and also of those from other colleges which require no preliminary examination.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on theory and practice, materia medica, surgery, obstetrics, diseases of women and children, and ophthalmology and otology will be delivered in the clinical lecture room of the State Homeopathic Hospital. Lectures on anatomy, physiology, chemistry, and medical jurisprudence will be delivered in the building of the Medical Department.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

The course of instruction is graded, and extends over a period of three years, as follows:

First Year.—Lectures on anatomy, chemistry, materia medica, physiology, surgical dressing, and attendance upon all clinics.

Second Year.—Lectures on anatomy, chemistry, materia medica, physiology, with recitations and laboratory work, and final examinations upon these branches at the end of the year, also lectures on theory and practice, obstetrics, diseases of women and children, minor surgery, and all clinics.

Third Year.—Lectures on theory and practice, obstetrics, diseases of women and children, surgery, and ophthalmology and otology, together with recitations, exercises and clinics. During the Senior year students will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of bandages, splints, and surgical dressings.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Laboratory work in histology will be largely employed in teaching, the departments having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

In the course of lectures on chemistry special stress is laid upon physiological chemistry; the study of the chemistry of the secretions, excretions, and vital processes being regarded as most essential; the study of the principles of general chemistry being made introductory and subordinate to that phase of the subject which more immediately concerns the medical practitioner.

MATERIA MEDICA AND THERAPEUTICS.

In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the clinical application of homœopathic remedies. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.

Only the principles of Homœopathy, as set forth by Hahnemann, will be taught. These, however, will be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize and treat in accordance with the Homœopathic method the various forms of disease as met with in general and every-day practice.

The lectures will be illustrated by diagrams, wax and papier-Maché models, and pathological specimens from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.

The chair of surgery will combine thorough practical, theoretical pathological, and clinical teaching. All candidates for final examination are required to perform upon the cadaver such operations as are made upon the living subject; likewise to assist at clinics and in the hospital. Thorough attention will also be given during the entire session to the practical adaptation of bandages, splints, and surgical dressings.

OBSTETRICS.

All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetrics operations. This course also includes the Homœopathic therapeutics of obstetrical diseases and abnormalities.

GYNECOLOGY.

In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class.

OPHTHALMOLOGY AND OTOTOLOGY.

The didactic lectures upon the eye and ear will be largely supplemented by clinical teaching; each student will have an opportunity of using the ophthalmoscope and other modern instruments upon the cases presented.

PRACTICAL ANATOMY.

The thorough study of this branch for *at least two courses*, is made a condition of graduation. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students are required to take out the demonstrator's ticket prior to October 1st.

MEDICAL JURISPRUDENCE.

The essentials, to the practitioner, of this important department of medicine, will be very fully treated.

INSANITY.

This subject is discussed as concisely as possible, with the special needs of the general practitioner constantly in view, and material appearing at the clinics from time to time during the term utilized in its illustration. These lectures will be delivered during the latter part of January.

SANITARY SCIENCE AND PUBLIC HYGIENE.

There will be one lecture each week, during the fall term, on matters pertaining to Sanitary Science and Public Hygiene.

CLINICS.

The surgical clinic will be held by Prof. Gilchrist, at the Homœopathic Hospital, each Saturday morning during the term. The charges for board at the hospital are intended to be merely sufficient to cover probable cost. Ward patients are charged \$7.00 per week. Those desiring a private room will be required to pay \$10.00 a week. Personal laundry and unusual nursing extra. The hospital is open for the reception of patients throughout the year.

Senior students are detailed alphabetically to assist at the Surgical and Eye and Ear clinics, and assist the house surgeon in dressings, etc. Each student, therefore, has at least three weeks practical hospital work, and in administering anæsthetics.

The clinic is large, and covers a wide range of cases; private cases being utilized whenever necessary for purposes of illustration—diagnostic, therapeutic, or operative. The average taken at the close of the last clinical year shows five patients, and two (2 and $\frac{1}{2}$) operations on each clinic day. The proportion of major operations such as ovariectomy, herniotomy, and others of like character, is much larger than in the ordinary college clinic.

The medical clinic will be held by Prof. Dickinson, on Thursday of each week. The records of this clinic for the past year show a much larger number of patients treated than during any previous year.

The Eye, Ear and Throat clinics will be held on Wednesday of each week by Dr. Newberry. These clinics for the past year have been full and varied, each clinic for the term having averaged 6 $\frac{2}{3}$ cases. The students have had an opportunity to personally examine nearly everything in the line of Eye, Ear, Nose and Throat troubles. A large number of major operations have been performed. Senior students are expected to take charge of and personally treat a certain number of cases in this department each year.

Letters of inquiry in connection with patients to appear for clinical treatment should be addressed as follows:

Surgical and Gynecological Cases—Dr. J. G. Gilchrist, Iowa City.

Medical Cases—Dr. W. H. Dickinson, Des Moines.

Obstetrical Cases—Dr. C. H. Cogswell, Cedar Rapids.

Eye and Ear Cases—Dr. F. J. Newberry, Iowa City, Iowa.

All patients presenting themselves at the clinics are furnished with medical, surgical, gynecological and obstetrical treatment, and medicines, free of charge.

Advanced students are required to make examinations at the clinics and to prescribe for patients.

At the close of each year a house surgeon and clinical assistant is appointed on competitive examination, to serve for the next college year, for which service he receives \$100, and board, lodging and laundry. This affords an excellent opportunity for post graduate study.

PRACTICAL CHEMISTRY.

The chemical laboratory furnishes the facilities for such work as is adapted to the needs of medical students. The chemical instruction includes the general principles of the science and sufficient actual practice to bring those principles home to the mind and render them available. A series of practical exercises in the analysis of normal and pathological urine and urinary calculi conclude the required portion of the course.

DAILY EXAMINATIONS.

Instruction is kept continually in thorough review by a system of daily class examinations; in which the student is examined on previous lectures, and his standing in such examination is recorded for future reference.

LIBRARIES.

The general library of the University and the department library are open to students on all week-days except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains about 26,000 volumes and 1000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labeled with the name of the donor, and placed in the museum.

In case of failure to pass any of these examinations the student may be re-examined during or at the end of the Senior year.

Third year students must notify the Dean of the Faculty, in writing, during the first week in February, of their intention of becoming applicants for the degree of Doctor of Medicine, at the same time presenting the final examination fee of \$10 and certificate of study, legal age and good moral character.

During the last week of the term, having complied with the other requirements, they must pass a satisfactory examination in Surgery, Practice of Medicine (including Pathology), and Obstetrics, and in any other subject taught, if so desired by the Faculty, at the beginning of the term.

Graduates of this school are requested to immediately acquaint the Secretary of the Faculty with their post-office addresses, and to inform him promptly of any change of residence.

For further information concerning this department, apply to the Dean, A. C. Cowperthwaite, M. D., Iowa City, Iowa.

THE HAHNEMANIAN SOCIETY.

This society was established several years ago, and it has been a potent factor in promoting the scholarship of our classes, and in bringing its members into pleasant social relations.

It holds its sessions in the department building and aims to have two programs per month. All new students will find it to their interest to become active members at once.

An elegant diploma is awarded by the society to those who graduate from this department.

Letters of inquiry in connection with patients to appear for clinical treatment should be addressed as follows:

Surgical and Gynecological Cases—Dr. J. G. Gilchrist, Iowa City.

Medical Cases—Dr. W. H. Dickinson, Des Moines.

Obstetrical Cases—Dr. C. H. Cogswell, Cedar Rapids.

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During the last week of the term, having complied with the other requirements, they must pass a satisfactory examination in Surgery, Practice of Medicine (including Pathology), and Obstetrics, and in any other subject taught, if so desired by the Faculty, at the beginning of the term.

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THE HAINEMANIAN SOCIETY.

This society was established several years ago, and it has been a potent factor in promoting the scholarship of our classes, and in bringing its members into pleasant social relations.

It holds its sessions in the department building and aims to have two programs per month. All new students will find it to their interest to become active members at once.

An elegant diploma is awarded by the society to those who graduate from this department.

In any other case the candidate must pass an examination before a committee of the Faculty, as follows: A written composition not to exceed a page of foolscap, on a given subject, which will be the test in orthography, grammar, etc.; an examination in arithmetic, history of the United States, geography and elementary physics, or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for four years; must have attended three courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation must undergo a satisfactory examination in all the branches taught in the department including histology, chemistry, anatomy, and physiology and must have satisfactorily completed two courses in the chemical laboratory and two courses in practical anatomy.

The final examinations will be conducted both orally and in writing, by the Faculty of the department. The written examinations will be referred to a board of examiners selected for that purpose from the Homeopathic Physicians of Iowa, and be subject to their approval or rejection. In case of rejection in any subject the student so rejected shall be required to pass a satisfactory oral examination in that subject, conducted by the Faculty in the presence of the Board of Examiners.

Class standing, recitation marks, together with demonstrator's reports and final examinations will be taken into consideration when determining the candidate's fitness to receive the medical degree.

All examination fees are to be paid during the first week in February.

First year students will be required to pay a fee of five dollars and will receive their final examinations in Histology and Chemistry. Should a student fail to pass in either of these subjects he will be re-examined therein at the end of the second year.

Second year students will be required to pay a fee of ten dollars and will receive their final examinations in Anatomy, Physiology and Materia Medica.

Students taking the laboratory course in chemistry will deposit the sum of \$3.00 to cover breakage the same to be refunded in case nothing is broken and the laboratory keys are returned.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

The above statement of fees is now in effect, and will be understood to apply to all students in the department, entirely irrespective of the date of matriculation.

All fees must be paid at the beginning of the session to the Secretary of the University, William J. Haddock.

In case any student is unable to pay the fees at the proper time, such student may, on application to the Dean of the department, be granted an extension of time not to exceed thirty days from the opening of the session.

All students who do not pay the proper fees or avail themselves of the provision above mentioned, will be suspended from the department until such fees are paid.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

Good board can be obtained at from \$3 to \$5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the janitor upon arrival.

Students will find themselves provided with the best accommodations to be had in the west, in the new medical building, for all lectures had in common with the Medical Department.

The building erected for the State Homœopathic Hospital is conveniently located, and contains a pleasant, well lighted and commodious lecture room in which all the lectures and clinics of the department are held.

PRELIMINARY EXAMINATION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institution, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination.

BOOKS OF REFERENCE.

The following are recommended by the professors of the Department.

Anatomy—Gray, Quain, Holden, Allen, Weiss.

Physiology—Flint, Dalton, Foster, Kirke.

Chemistry—Roscoe and Schorlemmer, Fresenius, Withaus, Andrews.

Urine Analysis—Neubauer and Vogel, Hoffman, Ultzmann, Marshall and Smith (Casselman).

Toxicology—Wormley, Dragendorff, Sonnenschein, Woodman and Tidy.

Surgery—Helmuth's System of Surgery, Moulins' Treatise on Surgery, Gilchrist's Minor Surgery, Surgical Emergencies and Surgical Therapeutics.

Materia Medica—Cowperthwaite's Text Book of Materia Medica and Therapeutics, Farington's Clinical Materia Medica, Allen's Handbook of Materia Medica and Therapeutics, Hughes' Pharmacodynamics.

Theory and Practice—Dickinson's Theory and Practice of Medicine; Hahnemann's Organon, Grauvogl's Text Book of Homeopathy, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion, Dake's Therapeutic Methods.

Obstetrics—Guernsey, Leavitt, Lusk.

Diseases of Woman—Cowperthwaite's Text Book of Gynecology, Southwick's Practical Gynecology.

Diseases of Children—Duncan, Edmonds.

Medical Jurisprudence—McClelland's Civil Malpractice, Wharton and Stille, Beck, Elwell.

Microscopic Anatomy—Stricker, Beale, Frey, Satterthwaite.

Insanity—Bucknill and Tuke, Hammond, Spitzka, Ross.

It is of far greater advantage to the student during his collegiate course to study and review a single text-book in each department than to read several cursorily. It is, therefore, advised that a single work in each department, recommended above, be chosen and carefully studied, while others may be used only for reference and subsequent perusal.

FEES.

Lectures for yearly session,	\$20 00
Matriculation ticket (paid only once),	5 00
Demonstrator's ticket,	10 00
Chemical laboratory,	5 00
Examination fee (for final examination),	25 00
Hospital ticket,	3 00
No charge for material for dissection.	

Alumni Association.

The Alumni Association held its ninth annual meeting at the college building, March 8, 1892, at which time the following officers were elected:

<i>President,</i>	LEORA JOHNSON,	Iowa City, Iowa.
<i>First Vice-President,</i>	M. A. NEWLAND,	Centre Point, Iowa,
<i>Second Vice-President,</i>	M. G. PERRY,	Fairfield, Iowa.
<i>Secretary,</i>	ALICE A. GOODRICH,	Des Moines, Iowa.
<i>Treasurer,</i>	C. J. LOIZEAUX,	Dysart, Iowa.

EXECUTIVE COMMITTEE.

LEORA JOHNSON,	Iowa City.
MARY WHITING,	Iowa City.
R. C. BAKER,	Oelwein.

All alumni are urged to send in their names to the Secretary, and be enrolled as members. No admission fee or annual dues are required. Alumni are requested to keep the Secretary posted on any change of location.

LEORA JOHNSON, *President.*
ALICE A. GOODRICH, *Secretary.*

SCHEDULE OF Minimum Requirements of all Medical Colleges.

Adopted by the Iowa State Board of Medical Examiners, July
8th, 1886, and Amended May 1st, 1889.

I.

CONDITIONS OF ADMISSION TO LECTURE COURSE.

1. Credible certificates of good moral character.
2. Diplomas of graduation from a recognized College, Scientific, or High School, or lacking this, a thorough examination in the branches of a good English education, including Mathematics, English Composition and Elementary Physics, or Natural Philosophy.

II.

BRANCHES OF MEDICAL SCIENCE TO BE INCLUDED IN THE COURSE.

1. Anatomy.
2. Physiology and Hygiene.
3. Chemistry.
4. Materia Medica and Therapeutics.
5. Theory and Practice of Medicine.
6. Pathology and Pathological Anatomy.
7. Surgery.
8. Obstetrics, and Gynecology.

III.

LENGTH OF REGULAR GRADUATING COURSE.

1. The time occupied in each regular course of medical lectures shall not be less than six months, or twenty-four weeks each.
2. Three full courses of lectures, not more than one of which shall be within the same year of time, shall be required for graduation with the Degree of Doctor of Medicine.

IV.

ATTENDANCE AND EXAMINATION, OR QUIZZES.

1. Regular Attendance during the entire Lecture Courses shall be required, allowance being made only for absence occasioned by the student's sickness, and such absence not to exceed twenty per centum of the Course.

2. Regular examination or quizzes, to be made by each lecturer or professor daily or at least once each week.

3. Final examination in all branches to be conducted, when practicable, by competent examiners, other than the professors in each branch.

V.

DISSECTION, CLINICS AND HOSPITAL ATTENDANCE.

1. Each student shall have dissected during at least two Courses.

2. Attendance during at least two terms of clinical and hospital instruction, shall be required.

VI.

TIME OF PROFESSIONAL STUDIES.

1. After the session of 1890-91 this shall not be less than four years before graduation, including the time spent with a Preceptor and attendance upon lectures, as stated above. (III.)

VII.

INSTRUCTION.

1. The College must show that it has a sufficient and competent corps of instructors, and the necessary facilities for teaching dissections, clinics, etc.

VIII.

GRADUATES TO MATRICULATES.

1. The aggregate graduates of a college shall not exceed forty-five per cent of its aggregate matriculates during the period of five years ending with any session subsequent to the sessions of 1885-6.

All Medical Colleges desiring recognition for their graduates by the Iowa State Board of Medical Examiners, are hereby respectfully notified that the above requirements will be strictly and impartially adhered to and enforced on and after January 1, 1892.

J. F. KENNEDY, M. D.
Secretary.

J. C. SHRADER, M. D.
President.

Graduating Class, 1892.*

NAME.	RESIDENCE.
Newland, Mark A.	Center Point.
Reinhold, Hannah C.	Williamsport, Pa.
Wiggins, Hiram N.	Wayland.

*The small size of the graduating class for 1892 is due to the adoption in 1890 of the three year course of instruction, which places those who otherwise would have graduated in 1892 in the class of 1893.

Matriculants.

THIRD YEAR.

NAME.	RESIDENCE.
Newland, Mark A.	Center Point.
Reinhold, Hannah C.	Williamsport, Pa.
Wiggins, Hiram N.	Wayland.

SECOND YEAR.

Aplin, Clarence A.	Cambridge.
Balliet, Michael R.	Waterloo.
Barker, Alfred H.	Black River Falls, Wis.
Bumgardner, Edward, B. S., D.D.S.	Iowa City.
Burnett, Elliott H.	Maquoketa.
Calkins, Royal W.	Clarks, Neb.
Conner, Warren H.	Andalusia, Ills.
Dickinson, Frank C.	Mt. Pleasant.
Gethman, Charles	Gladbrook.
Graening, Charles H.	Monona.
Hansen, Andreas H.	Cedar Falls.
Holloway, Charles E.	Mt. Pleasant.
Jones, Thomas J.	Osceola, Neb.
Kelso, Isabella F.	Waterloo.
Matheson, Arny	Black River Falls, Wis.
Miles, Franklin P.	Winston, Mo.
Moorehead, James	Cedar Rapids.
Newbold, Edwin H.	Center Point.
Owen, Nellie E.	Marion.
Palmer, George W.	London, Ontario.
Richardson, E. F.	Oskaloosa.
Sage, Fred C.	Waterloo.
Smith, Wade W.	Clinton, Wis.
Stotts, John H.	Iowa City.
Tiffany, Deforest E.	Center Point.
Tribon, Frank L.	Dunkerton.
Watson, S. N., B. A., M. A., B. D., D. D.	Iowa City.

FIRST YEAR.

Anderson, William E.	Dublin.
Aschenbrunner, Carl F.	Dysart.
Beaver, Carrie	Madison, Wis.

NAME.	RESIDENCE.
Bohstedt, Minnie J.	Victor.
Drake, Franklin J.	Sioux City.
Elliott, Carrie H.	Sioux City.
Evenson, George A.	Finchford.
Everett, Edward J.	Atlantic.
Homan, Ralph W.	Corning.
Horton, Frank W.	Belmond.
Jerrel, Burt O.	Mt. Pleasant.
Kilborne, Jay M.	Forest City.
Kimball, Adele P.	East Lebanon, N. H.
Oleson, Anna	Cedar Falls.
Reeves, George M.	Montrose.
Richardson, Everett E.	Ida Grove.
Ridgeway, William H.	Iowa City.
Rosan, Eleanor W.	Hutchinson, Kas.
Ross, Alice I.	Waubeck.
Starcke, Andrew H.	Junction City, Kas.
Vanderveer, Frank L.	Andalusia, Ills.
Vanderveer, William I.	Andalusia, Ills.
Vint, George A.	Hindsboro, Ills.
Wilson, John W.	Crystal.
Woodward, Archie C.	Moline, Ills.
Worthen, Jessie M.	Warsaw, Ills.

POST GRADUATE.

Whiting, Mary, M. D.	Iowa City.
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Alumni.*

NAME.	RESIDENCE.
1881 Anderson, Horace G.	Ohio.
1882 Arp, Augustus H.	Moline, Ill.
1883 Bailey, Samantha E.	Winfield, Kan.
1883 Baker, Louis G.	Williamsport, Pa.
1887 Baker, Albra W.	Williamsport, Pa.
1890 Baker, Richard C.	Oelwein.
1884 †Barr, George W.	
1886 Barrette, J. E.	Nebraska.
1886 Barth, J. L. J.	Burlington.
1883 Basten, C. V.	Kearney, Neb.
1883 Bayless, William F.	Waylane, Tex.
1887 Beck, Joseph E.	Kittaning, Pa.
1887 Beck, Peter S.	Kansas.
1886 Becker, Fred J.	Clermont.
1883 Bell, Samuel T.	Albia.
1888 Bennett, Theodocia (Parker)	Warsaw, Ill.
1890 Bennett, Sophie E.	Warsaw, Ill.
1886 Blackman, George E.	Newton.
1891 Blakeslee, Miriam E.	North Topeka, Kan.
1889 Bourne, Joseph W.	Neamha City, Neb.
1890 Box, Frank A.	Pulaski, N. Y.
1888 Boynton, F. H.	Chariton.
1885 Bray, Nicholas	Dubuque.
1886 Bray, William	Dubuque.
1891 Brown, Charles A.	Lamont.
1883 Brumback, Newton N.	Beatrice, Neb.
1881 Caldwell, J. E.	Healdsburg, Cal.
1888 Carns, Harry	Montrose.
1885 Clark, Charles W.	
1891 Cline, Alice B.	Kansas City, Mo.
1889 Cole, Sarah A.	Bad Axe, Mich.
1891 Coon, George S.	Cook Co. Hospital, Chi-
1885 †Cotton, Mary A.	cago.
1886 Cotton, Alonzo A.	Sioux City.
1887 Coulter, Elva M.	Dubuque.
1882 Cross, A. M.	Akron.
1885 Dailey, Ada	Sheffield.

* The last known address is given. Alumni are requested to notify the Dean of any change.

† Deceased.

NAME.	RESIDENCE.
1879 Davis, Sheldon F.	California.
1880 Delap, Silas C.	Kansas City, Mo.
1891 De Marsh, Clark C.	Ottumwa.
1887 Derx, Jacob	Rahoka, Mo.
1884 Dickinson, D. W.	Des Moines.
1880 Disbro, Jo Anna (Crawford)	Minneapolis, Minn.
1880 Emonds, William G.	Seattle, Wash.
1882 Erwin, William	Indianola.
1881 Fleming, Amos C.	Augusta, Mont.
1887 Fees, Arthur W.	Lenox.
1882 Freemyer, G. L.	Eau Claire, Mich.
1888 Glasier, Johnson J.	Richland Center, Wis.
1882 Gleason, Flora S.	Santa Ana, Cal.
1883 Gleason, J. C.	Santa Ana, Cal.
1882 Golden, Hannah C.	Vinton.
1891 Goldsworthy, Lelia O.	Volga City.
1891 Goldsworthy, William	Volga City.
1889 Goodrich, Alice A.	Des Moines.
1890 Gray, William R.	Gray's Harbor, Wash.
1880 Green, A. C.	Middleton, Ohio.
1888 Green Edward P.	Long Pine, Neb.
1889 Hackett, James F.	Kellogg.
1891 Hardesty, George W.	Lincoln.
1884 Hartmann, Ossian	Clinton.
1881 *Henderson, J. W.	
1880 Hitchcock, J. B.	Woodstock, Wis
1890 Hollopeter, Charles N.	Beatrice, Neb.
1881 Howard, George S.	Talmadge, Neb.
1890 Howe, William F.	Evanston, Wyoming.
1882 Hullhorst, C. G. A.	Columbus, Neb.
1882 Hullhorst, F.	Yutan, Neb.
1889 Hullhorst, Paul	Scotia, Neb.
1891 Humphrey, Frank D.	Andalusia, Ills.
1880 Hunter, L. K.	Leavenworth, Kansas.
1884 Huxley, A. T.	Mason City.
1890 Johnson, Leora	Iowa City.
1881 Joy, Lizzie E. (Eldridge)	Mineral Ridge.
1884 Keller, Francis	Tacoma, Wash.
1885 Kile, W. T.	Atlantic.
1882 Knight, Frank M.	Alliance, Neb.
1888 Krogstad, Henry	Washington, D. C.
1888 Lankton, Freeda M.	Omaha, Neb.
1885 Lanning, Charles	Kansas.
1887 Lawrence, Ed. S.	

* Deceased.

NAME.	RESIDENCE.
1887 Lee, Frank W.	Riceville.
1891 Lewis, Edgar C.	Mt. Pleasant.
1889 Loizeaux, Charles J.	Dysart.
1881 Lount, Robert	Rhode Island.
1882 Marr, Hervey E.	Onawa.
1889 Marsh, Franklin A.	
1887 Martin, Albert S.	Boone.
1888 McChesney, M. J.	Osceola, Neb.
1885 McClain, S. N.	Washington.
1889 McCeney, Edward M.	Dubuque.
1891 McKee, Bart.	Dunfarmline, Ills.
1890 Messenger, Hattie E.	Hutchinson, Kansas.
1884 Meredith, W. C.	Michigan.
1881 Merry, Weltha A.	California.
1881 Miller, William	DeWitt.
1888 Miller, John P.	Kansas City, Kansas.
1890 Morford, Cornelius M.	Toledo.
1881 Morton, William M.	Iowa Falls.
1891 Muirhead, George S.	Marion.
1884 *Myers, Mary A.	
1888 Neitmann, Louis F.	Clinton.
1888 Nelson, John S.	St. Ansgar.
1879 Newell, Robert C.	Austin, Ills.
1892 Newland, Mark A.	Center Point.
1887 Norcross, Carl V.	Butte City, Montana.
1886 †Norcross, W. S. (M. D.),	Butte City, Montana.
1878 †Oren, Samuel A. (M. D.),	Iowa City.
1891 Paisley, Charles L.	Burlington.
1886 Paul, Frank D.	Cambridge, Illinois.
1888 Parker, James W.	Warsaw, Illinois.
1881 Pearse, Susan S.	Chelsea, Kansas.
1884 Peery, Bessie E.	Trenton, Missouri.
1889 Perry, Maria G.	Fairfield.
1891 Phelps, Myron	Harlan.
1885 Preston, Abi L.	Erzoom, Turkey.
1882 Printy, James A.	429 Racine Ave., Lake View, Ill.
1884 Pyle, Charles W.	Rich Hill, Mo.
1892 Reinhold, Hannah C.	Williamsport, Pa.
1884 Remington, F. A.	Sioux City.
1883 Robbins, Fred	Neola.
1881 *†Robinson, G. A. (M. D.),	
1885 Rowe, W. H.	Waukesha, Wis.
1883 Rumsey, Fred B.	
1880 Schwartz, C. M. H.	Cedar Rapids.

*Deceased. †*Ad Eundem.*

NAME.	RESIDENCE.
1882 Snyder, B. S.	Kansas.
1881 Somers, F. N.	Beatrice, Neb.
1887 Southworth, F. W.	New Tacoma, Wash.
1883 Speicher, John G.	Hudson.
1882 Spencer, Huldah	
1882 Stephens, F. E.	Nebraska.
1886 Stratton, Daniel E.	Chinese Camp, Cal.
1886 Strawbridge, F. A.	Sigourney.
1887 Swan, Clara J.	Mt. Pleasant.
1888 Suffa, Geo. A.	Greenville, R. I.
1891 Swetland, Agnes V.	Omaha, Neb.
1891 Swinburne, Arthur H.	Greeley.
1883 Taylor, Ellen A.	Davenport.
1884 Thomas, A. H.	Tabor.
1879 Thompson, James H.	Davenport.
1890 Thompson, Thomas F.	Shohomish, Wash.
1883 Tiffany, John W.	Center Point.
1880 Van Sickle, A. R.	Hastings Neb.
1887 Vroom, Charles W.	Ackley.
1882 Waggoner, Nettie	Minonk, Ill.
1881 Watsek, J. W.	Davenport.
1885 Wessel, A. E.	Brooklyn.
1891 Whiting, Mary	Iowa City.
1892 Wiggins, Hiram N.	Wayland.
1887 Wight, William C.	Avoca.
1884 Wilbur, Carrie E.	Minneapolis, Minn.
1881 Wilson, W. W.	Paris, Ill.
1882 Winchell, H. E.	Rich Hill, Mo.
1880 Winter, F. W.	Wymore, Neb.



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Homœopathic Medical Department
State University of Iowa

ANNOUNCEMENT

1893-94

UNIVERSITY OF ILLINOIS
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Administrative Library

The State University of Iowa

The head of the school system of the state was provided for by a statute enacted by the First General Assembly in February, 1847, in accordance with the constitution of the state adopted in the previous year. As at present organized the University comprises the following departments:

THE COLLEGIATE DEPARTMENT.

THE LAW DEPARTMENT.

THE MEDICAL DEPARTMENT.

THE HOMŒOPATHIC MEDICAL DEPARTMENT

THE DENTAL DEPARTMENT.

THE PHARMACY DEPARTMENT.

THE COLLEGIATE DEPARTMENT.

Students are admitted to this department from most of the high schools of the state without examination. The curriculum embraces four general courses of study, the classical, two philosophical, the general scientific; and two technical courses, the course in civil engineering, and the course in electrical engineering.

There is no preparatory department connected with this department. During the year 1892-93 there were thirty-two professors and assistants engaged in the work of instruction in this department, and the number of students enrolled was four hundred and thirty-two.

LAW DEPARTMENT.

The course in this department extends over two years of nine months each, and on its completion the degree LL. B. is conferred.

During the past year instruction was given by four resident professors, who spend their entire time in that work, and by four lecturers of distinction in the various branches of law.

The number of students enrolled in 1892-93 was two hundred and six.

THE MEDICAL DEPARTMENT.

The course in this department requires three sessions of six months each, and on its completion the graduates receive the degree M. D., and are entitled to registration by the State Board of Medical Examiners.

During the year 1892-93 instruction was given by twenty-one professors and assistants, and the number of students enrolled was one hundred and fifty-four.

(Continued on page 3 of cover.)

To the Faculty of the Homœopathic Medical Department.

OF THE STATE UNIVERSITY OF IOWA.

The bearer, Mr....., has studied
(Give name in full.)

Medicine in my office for..... months, and has read the following:

I recommend him as a suitable person for Matriculation, and well prepared to pursue intelligently the study of Medicine.

M. D.

SEVENTEENTH ANNUAL ANNOUNCEMENT

OF THE

Homœopathic Medical Department

OF THE

State University of Iowa

IOWA CITY, IOWA

1893-94

PUBLISHED BY THE UNIVERSITY

1893

Homœopathic Medical Department.

FACULTY.

CHARLES A. SCHAEFFER, A. M., PH. D., LL. D.,
President.

WILMOT H. DICKINSON, M. D.,
Professor of Theory and Practice and Clinical Medicine,
Dean of the Faculty.

JAMES G. GILCHRIST, A. M., M. D.,
Professor of Surgery and Surgical Gynecology.
Registrar of the Faculty.

CHARLES H. COGSWELL, M. D.,
Professor of Obstetrics and Diseases of Women.

FRANK J. NEWBERRY, M. D., O. et A. Chir.,
Professor of Ophthalmology, Otology and Pædology.

GEORGE ROYAL, M. D.,
Professor of Materia Medica and Therapeutics.

ELBERT W. ROCKWOOD, A. M.,
Professor of Chemistry and Toxicology.

FRANK S. ABY, M. S.,
Professor of Normal Histology.

WALTER L. BIERRING, M. D.,
Professor of Pathological Histology.

D. W. DICKINSON, M. D.,
Assistant to the Chair of Theory and Practice.

THEODORE L. HAZARD, M. D.,
Assistant to the Chair of Materia Medica.

.....
Assistant to the Chair of Surgery.

ANDREAS QUISLING, M. D.,
House Surgeon.

ALBERT M. BARRETT,
Demonstrator of Normal Histology.

W. R. WHITEIS, B. S.,
Demonstrator of Pathological Histology.

W. E. BARLOW, A. B.,
Demonstrator of Chemistry.

ADDITIONAL INSTRUCTORS.

MEDICAL DEPARTMENT.

WOODS HUTCHINSON, A. M., M. D.,
Professor of Anatomy.

JAMES R. GUTHRIE, A. M., M. D.,
Professor of Physiology.

GERSHOM H. HILL, A. M., M. D.,
(Superintendent of the Hospital for the Insane at Independence.)
Lecturer on Insanity.

JOHN W. HARRIMAN, M. D.,
Demonstrator of Anatomy.

LAW DEPARTMENT.

EMLIN MCCLAIN, A. M., LL. D.,
Lecturer on Medical Jurisprudence.

EXAMINERS.

B. BANTON, M. D., *Waterloo.*

A. P. HANCHETT, M. D., *Council Bluffs.*

W. BANCROFT, M. D., *Keokuk.*

Homœopathic Medical Department.

The seventeenth annual course of instruction will commence on Wednesday, September 20, 1893, and close on Tuesday, March 13, 1894.

In issuing this announcement the Faculty desire first to extend their thanks to the profession of the state, who have given them such hearty and generous support, not only in sending students to the University, but for their maintenance of the clinics, contributions in money for the enlargement of the Hospital, and many valuable donations of hospital furniture and apparatus. The fact that this College is a Department of a great University, should, and doubtless does, act as a potent factor in attracting students, and securing the support of of the profession. The large laboratories, with their excellent equipment furnish facilities for teaching that few, if any, private schools can hope to duplicate.

The work in this Department has been thoroughly remodeled, partly for the purpose of a more rigid observance of the requirements of the various State Medical Boards, and the Inter-Collegiate Association, and partly to keep the Department in line with the march of medical progress. The course of study must cover four years, one of which must be pre-matriculate, under a preceptor, and three undergraduate. As will be shown elsewhere, an additional or post-graduate course is also provided. The classes are, for the most part, instructed separately, the student being required to attain a certain standing before passing into higher classes.

THE PLAN OF WORK

for the four years is given more particularly in the following pages, together with the qualifications for admission into the several classes. Men and women are admitted on equal terms, and no distinction whatever is made between them. They attend in common all classes and are called upon to do equal work in all particulars.

PRE-MATRICULATE REQUIREMENTS.

Students should not be less than eighteen years of age. They should select as a preceptor a reputable practitioner of medicine, a graduate of an accredited school. They should read, under the guidance and instruction of the preceptor, Elementary Chemistry, Physics, and Biology, as well as Anatomy, Physiology, and Medical Institutes,

particularly the *Organon of Hahnemann*. Beyond this they need not go, unless graduates in letters or science, when they would find profit in a careful reading of *Grauvogl's Text Book of Homeopathy*, and *Ziegler's Pathogenesis, and Pathological Anatomy*.

FRESHMAN YEAR.

Students must apply for registration in person, at the office of the Registrar of the Faculty, at No. 12, N. Clinton Street, Iowa City, a day or two before the opening of the term. They must present a certificate from their preceptor, showing that they have read medicine for one year, and stating specifically what the studies have been. The certificate attached to this Announcement is to be used for this purpose. Applicants for registration, who have degrees in Science or Arts, who have passed the Sophomore year in a reputable college, or have teacher's certificates, are admitted without preliminary examination. All others will be required to submit to an examination in English scholarship by a committee of the Faculty. Should the applicant be a graduate from some collegiate institution recognized by the University as having an adequate curriculum, and have passed in Chemistry, Physics, Biology, or Physiology, he may become a pupil of the Faculty, and the pre-matriculate requirements, as to preceptor, will be waived.

The fees for this course will be paid to the Secretary of the University, and to him only, at the commencement of the term.

The fees for this year are as follows:

Matriculation.....	\$ 5.00
Lecture ticket	20.00
Hospital ticket.....	3.00
Demonstrator's ticket.....	10.00
Chemical Laboratory.....	5.00
* Breakage deposit.....	3.00
† Examination fee.....	5.00

The studies in this year are Chemistry, Anatomy, Physiology, Pharmacology and Institutes, Normal Histology, and Minor Surgery. Attendance at clinics is desirable but not obligatory.

The books recommended for this year, are as follows: *Anatomy*, Gray; *Physiology*, Dalton, Foster; *Histology*, Klein; *Minor Surgery*, Gilchrist, Sargent or Martin's Essentials; *Chemistry*, Withaus, or Roscoe and Schoolemer, Andrews' Analytical; Wolfe or Tyson on Urinalysis; Hahnemann's *Organon*.

* To be refunded at the close of the course, less charges for breakage.

† Paid before the examination, at the close of the term.

The plan of work is as follows:

ANATOMY.

The lectures in Anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver. Weekly quizzes are held by a member of the Faculty of this Department, or under his supervision, the markings assisting in fixing the standing of the student.

PRACTICAL ANATOMY.

Satisfactory dissection of one part is made a condition of advancement to the Junior class. The dissecting room is large, commodious, and facilities for profitable work are ample. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

PHYSIOLOGY.

In this subject the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and black-board figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Quizzes are held weekly by a member of the Faculty of this Department, or under his supervision, and, as in the case of anatomy, the markings assist in determining class-standing.

INSTITUTES AND PHARMACOLOGY.

The assistant to the chair of Materia Medica, will give one lecture a week, in the first half of the year, on the Institutes of Homœopathy. In the last half Pharmacology will be taught in the same manner, particular reference being made to the preparation of drugs, as used in Homœopathic practice, as well as to the manner of preservation and dispensing. Every effort will be made to give the student thorough instruction in these important topics.

MINOR SURGERY.

One lecture, and demonstration, will be given each week, in all topics following under this head, including bandaging, care of instruments, surgical dressings, and minor operations.

HISTOLOGY.

One lecture a week will be given, many of them being illustrated by means of the stereopticon. Two hours each week are devoted to laboratory work, in the new histological laboratory, which is commodious, well-lighted, and supplied with thirty-six new compound microscopes, with all necessary accessories, dissecting microscopes, microtomes of various kinds, injecting apparatus, turn-tables, etc.

Each student is furnished a microscope, reagents and apparatus; is taught the use of the microscope, and does, or has demonstrated before him, the general technique of the subject of histology, hardening, embedding, sectioning, staining, mounting, etc.

Histological injections are made before the class. During the term the student prepares for himself a series of slides, illustrating the ultimate distribution of the blood and cellular structure of normal tissues and organs.

CHEMISTRY.

The course in chemistry consists of lectures and laboratory work. The lectures treat first of the general principles of the science; then the subjects of interest to the students of medicine are discussed. Especial attention is paid to the compounds found in the body, with their functions and chemical changes. Medicinal and poisonous substances, and such as are used in practical work are also considered.

In the laboratory the student begins with tests for the metals, particularly the poisonous ones, and passes to the analysis of complex substances. He learns methods of manipulation, and becomes acquainted with the properties and actions of reagents. In the latter part of the course, urine is studied; quantitative and qualitative tests are made for its pathological constituents, and such normal ones as are of importance to the physician. The microscopical and chemical examination of urinary sediments, and calculi follows. The course is concluded by the examination of various specimens of urine, the student being required to test these, reporting as to whether they are normal or pathological, and giving the kinds and amounts of abnormal constituents found.

The work in Practical Chemistry has been transferred from the Medical Building to the new Chemical laboratories of the University. In the new laboratory building, the Medical Department occupies rooms on the ground floor. These consist of professors' rooms, store rooms, and two large laboratories. They are well lighted, and are

heated by steam. Hoods, connected with ventilating shafts, carry off offensive and injurious gases. The outfit is ample for demonstrating the general principles of chemistry, as well as its application to medicine.

This programme gives 24 hours a week for class work, exclusive of Practical Anatomy, which would add 12 hours for a portion of the time. Of this four hours are devoted to laboratory work, two to recitations, three to five to clinical, and the remainder to lectures.

At the close of the year final examinations are held in Chemistry, Histology, and Minor Surgery, which if successfully passed will carry the student to the Junior class. In the event of failure to pass any *one* of these examinations the student may enter the higher class, conditioned upon completing his standing at or before the close of the Junior year. A failure in *two* (or more) studies will stop further advancement until the conditions are satisfied.

Students are advised to attend all the lectures on *Materia Medica* if time will permit, but will not be expected to study or recite.

JUNIOR YEAR.

Admission to the second, or Junior class, is regularly secured by passing from the Freshman class, the evidence being the ticket of the Dean, and the record of the student, but students who have taken the first year's work in other colleges, provided the curriculum is fully up to the standard of the various State Medical Boards, and the Inter-Collegiate Association, will be admitted to the Junior class upon presentation of satisfactory evidence.

The fees for this year are as follows, and must be paid to the Secretary of the University, and to him only, at the commencement of the term :

Lecture fee.....	\$20.00
Anatomy ticket.....	10.00
Hospital ticket.....	3.00
* Examination fee.....	10.00

Students from other colleges will be required to pay a matriculation fee of five dollars, and examination fee of fifteen dollars.

The studies taken this year will be : Anatomy, Physiology, *Materia Medica*, Pathology and Obstetrics; also attendance at all clinics.

The books recommended are as follows : *Anatomy* and *Physiology*, as in the Freshman year. *Practice*, Dickinson, Arndt System of Medicine, Raue, Special Pathology. *Surgery*, Gilchrist's Syllabus, Hamilton, Fractures and Dislocations. *Obstetrics*, Guernsey (for therapeutics), Croserio, Lusk. *Materia Medica*, Allen, Primer; Farrington; clinical *Materia Medica*, Cowperthwaite. *Pædology*, Duncan, Smith. *Pathology*, Greene, Ziegler.

* To be paid at the close of the term, prior to examination.

The plan of work is as follows: Anatomy and Physiology the same as in the Freshman year, final examination, however, will be held at the close of the year, by a member of the Faculty of this Department. Practical Anatomy is also completed, the examination to be conducted by the Demonstrator of Anatomy.

MATERIA MEDICA.

There will be four lectures a week, on this fundamental branch, with occasional recitations and special quizzes. The remedies are divided into two groups, one of which will be discussed one year, the other the next. A brief review of the toxicological and physiological effect of the drug will first be given, then the characteristics and most prominent symptoms. Especial attention will be given to the grouping of these symptoms, for therapeutic purposes, and comparing them with a similar group of other drugs which may be useful for the same disease.

THEORY AND PRACTICE.

General and special Pathology will be taught, according to the latest investigations into the ætiology and nature of disease. It will be the aim of the occupant of this chair, to only teach that which has secured the sanction of competent observers, and which has been confirmed by abundant clinical experience. In teaching the relation of drug pathogenesis to semeiology, the well-established principles of Homœopathic Therapeutics will be closely and consistently followed.

The teaching is both didactic and clinical; three lectures and one clinic being given each week. The lecture room being under the same roof with the hospital, furnishes admirable opportunities for bed-side instruction. The lectures will be illustrated by diagrams, wax and *papier-mache* models, and pathological specimens from the museum of the College, in order to enhance their usefulness. No efforts will be spared to prepare the student to become a successful practitioner.

OBSTETRICS.

The plan of instruction in this branch, will be the usual didactic method, supplemented by demonstrations with wet and dry preparations, models and diagrams; together with clinical practice whenever possible. Two lectures a week are given, with occasional quizzes and recitations. The scheme is designed to carry the student forward, after thorough instruction in the anatomy of the pelvis and generative apparatus, through ovulation, menstruation, gestation, and normal labor, with the various abnormalities or the lying-in period. The use of obstetric instruments is taught on the manikin, and every care taken to thoroughly prepare the students for dealing with complications. Dystochia, and all forms of abnormal gestation and labor are given in the closing portion of the course. The central idea is to give the practical preference over the merely theoretical.

PÆDOLOGY.

One lecture a week is given on the diseases of children, supplementing the course on Theory and Practice. The subjects taken up are consequently, the diseases of infancy, as well as early childhood, and while largely treated by the didactic method, clinical demonstrations are used whenever possible.

SURGICAL EMERGENCIES.

The work of this year in Surgery, will consist of two lectures a week throughout the year, with frequent quizzes and recitations, taking up the subjects included in what is called "Acute Surgery." As this is a branch of practice that all practitioners should be prepared to exercise, no pains will be spared to impart instruction. Anesthesia, wounds, hemorrhage, shock, fractures and dislocations will be among the topics discussed. Illustrations on the cadaver, as well as the living subject will form an essential feature in this course.

PATHOLOGICAL HISTOLOGY.

Two hours a week are devoted to the practical study of morbid anatomy. The work consists of laboratory lectures and exercises, the aim being to make this study as practicable as possible, and to familiarize the student with the use of the microscope in diagnosis. Part of the time in the laboratory is devoted to the study of prepared specimens, under the guidance of the instructor, and the remainder to the mounting of pathological specimens by the student himself. An abundance of material is furnished by the laboratory, and each student is allowed to keep as his own property all the sections prepared by him during the term. Special attention is paid to the diagnosis of tumors, trichinæ, etc., microscopically, and the student learns easy and rapid methods of making preparations for such diagnosis.

The number of hours occupied each week is twenty-six. From three to five is given to clinical work, the remainder to lectures. During a portion of the time, ranging from three to four weeks, 12 hours additional is given to Practical Anatomy.

At the close of the year examinations will be held in Anatomy, Physiology, Surgical Emergencies and Pathology which if successful, passes the student to the Senior year. A failure in any one of these subjects, imposes a condition on the student, which must be satisfied before the close of the Senior year. A failure in two or more studies stops advancement, the student being required to complete this year's work the following year, when, if he fails again, he will be dropped.

SENIOR YEAR.

Admission to the Senior year, is gained by passing the required examinations in the Junior year, which fact is certified by the ticket

of the Dean. Students coming from other colleges, recognized by the State Boards and Inter-Collegiate Association, who have proper credentials, showing that they have passed the required curriculum, and passed successfully the necessary examinations, may be admitted to this class, in the discretion of the Faculty.

The fees are to be paid at the commencement of the term to the Secretary of the University, and to him only. They are as follows:

Lecture fees, ...\$20.00.

Hospital ticket, ... 3.00.

* Examination fee, ... 10.00.

Students from other colleges will be required to pay a matriculation fee, of five dollars, in addition to the above.

The studies taken in this year will be: *Materia Medica*, Theory and Practice, Surgery, Obstetrics, Gynecology, Ophthalmology, Toxicology, Medical Jurisprudence, and attendance on all clinics.

The books recommended are: *Surgery*, American System, Moulin, Bryant, Hamilton, Helmuth. *Gynecology*, Southwick, Ludlam, Thomas, or Skene. *Ophthalmology*, etc., Norton, Angell, or Buffum, on the Eye, Winslow, Houghton, on the Ear, Bosworth or Robinson, on Nose and Throat. *Toxicology*, Reese, or Wormley. *Medical Jurisprudence*, Wharton and Stille, Beck, Elwell. *Practice*, for references in addition to the text-books recommended in the Junior year, Pepper, Osler, or Stevens' Manual of Practical Medicine.

The list of books recommended for the various years is carefully selected, and represents a good working library for the practitioner. While it is not necessary that the student procure more than one on any subject, it will be found a material advantage to the graduate if he possesses all of them.

The plan of work for this year is as follows: *Materia Medica* and Practice will be taught as already given in the Junior year. The same applies to Obstetrics.

OPHTHALMOLOGY AND OTOTOLOGY.

Instruction in diseases of the eye and ear will be both didactic and clinical. Special stress is laid upon the diagnosis and treatment of those diseases which will most often present themselves in the work of the general practitioner. The didactic teaching is illustrated by models and drawings. The clinics are large and varied, opportunity being thus given to examine and treat the cases presented, thus giving familiarity with every form of disease in this branch of medicine. Each student is expected to become accustomed to the use of the ophthalmoscope, and other instruments used in the diagnosis and treatment of cases.

*To be paid at the close of the term, prior to examination. Students taking two years in another college must pay \$25.00.

In connection with this chair, instruction is given in Rhinology and Laryngology by weekly lectures and clinics. Students are assigned cases for treatment, and given ample opportunity to become expert in the use of the laryngoscope, rhinoscope, and other instruments employed in the diagnosis and treatment of the various diseases.

TOXICOLOGY.

Instruction in this branch is given by means of weekly lectures, supplemented by quizzes. The general principles are first considered, then the most important of the poisons are treated separately. Their actions are described, and the methods are shown for detecting them by chemical tests in the excreta, foods and other substances. Especial attention is given to the subject of antidotes.

SURGERY.

The work in Surgery will consist of four lectures a week, with frequent quizzes and recitations, in addition to the clinical, sub-clinical and hospital work to be described elsewhere. The subjects taken up will be largely in the domain of major surgery, and surgical pathology, the principles of the science being carefully discussed, the application of them demonstrated on the cadaver, in the clinics, sub-clinics, and daily hospital work. The student will be required to perform operations on the cadaver, particularly the ligature of arteries in their continuity, amputations, trephining, and tracheotomy. For further information see "clinics."

GYNECOLOGY.

Instruction in this branch is taught by the professors of Obstetrics and Surgery. The system of instruction is partly by lectures, illustrated by wet and dry specimens, models, and diagrams—and partly in the sub-clinics, where methods of examination, and the use of gynecological instruments is practically taught. The amount of clinical material being large and constantly increasing, as well as of great variety, instruction in this most important branch is eminently practical in character.

MEDICAL JURISPRUDENCE.

Instruction in Medical Jurisprudence is given by the Faculty of the Law Department, the time to be announced during the term.

INSANITY.

Lectures on Alienism and kindred topics are given towards the close of the term, the dates announced during the year.

The number of hours occupied in this year are twenty-three each week; five to seven hours are devoted to clinical work, two to laboratory; the remainder to lectures and recitations.

Classes in Materia Medica, Practice, Minor Surgery, Pharmacology, Obstetrics, Surgical Emergencies, Surgery, Gynecology, Eye and Ear, and Paedology are in the lecture room of the Homœopathic Hospital, in which room also, all the clinics are held. Anatomy, Physiology, and Insanity are taught in the amphitheatre of the Medical Department. Pathology, Histology, Chemistry, and Toxicology are taught in the appropriate laboratories. Medical Jurisprudence is taught in the lecture room of the Law Department.

CLINICS.

The clinics of this Department are open to students of all the classes, but attendance is not obligatory in the Freshman year. All the clinics are full, having doubled in size during the past year; in some of them the capacity of the Hospital has been severely taxed, notwithstanding a considerable increase in accommodations through the generous aid of the *Hahnemann Association of Iowa*. The general arrangement and clinical system are as follows: The House Surgeon at the commencement of the term details three students from the Senior class as clinical assistants. One of these retires after one week's service, one after two weeks, and the remaining one after three weeks. One student a week is detailed thereafter so that each Senior student has three consecutive weeks of clinical work. The duties are to assist at all clinics, taking the different duties in rotation, and attend to all dressings in the Hospital, under the supervision of the House Surgeon. This gives unusual facilities for practical instruction. The clinics are largely patronized, the number of cases and the variety being fully equal to the college clinics in the larger cities. During the past year the operative cases in the Surgical and Eye and Ear Departments gave an average of four for each clinic, quite as many as can be utilized. The clinics are held as follows:

Medical Clinic—Thursday afternoon, service of Professor DICKINSON.

Surgical Clinic—Friday afternoon, service of Professor GILCHRIST.

Eye and Ear Clinic—Tuesday afternoon, service of Professor NEWBERRY.

Gynecological Clinic—By appointment in the sub-clinics, service of Professor GILCHRIST.

Obstetric Clinic—By appointment, service of Professor COGSWELL.

The sub-clinics are held two or more times a week, to which sections of the Senior class are admitted, where opportunity is afforded all to make examinations in gynecological cases, and use the various instruments of precision for purposes of diagnosis.

Medical and Surgical treatment, and nursing are free for patients

entering the general clinics. Board in the Hospital is furnished for \$7.00 a week.

Correspondence with reference to admission to the clinics or Hospital should be had with the professor having charge of the particular clinic, or the Registrar of the Faculty. Arrangements can be made for the reception of a limited number of obstetrical cases, only between the 15th of September and the 15th of February.

In connection with the clinics a dispensary has recently been opened, where the clinical assistants, under the direction of the Faculty, prescribe for and visit out-patients, as well as attend such cases of obstetrics as apply. The dispensary is growing in patronage and influence, so that it will soon become a highly important and profitable portion of the work, acting at once as a "feeder" for the clinics, and giving practical instruction to the attendants.

SCHOOL FOR NURSES.

A training school for nurses has been authorized by the Board of Regents, and a two years' course of practical and theoretic instruction is provided. Pupil nurses are paid at the rate of \$1.50 a week, and furnished board, lodging and laundry. They are directly under the instruction of the Matron and House Surgeon. The instruction given is most thorough and practical, a certificate signed by the President of the University and the Hospital Board being given at the close of the second year. Applications for admission as a pupil nurse, are to be made to the Matron, Miss Adele P. Kimball, Homœopathic Hospital, Iowa City, Iowa.

HOUSE SURGEON.

In January of each year applications will be received from the Senior class, for the position of House Surgeon. The appointment will be by competitive examination, conducted in such manner as the Faculty may prescribe, the subjects for examination being previously communicated to the class. Compensation is \$100 for the school year, with board and lodging. The duties of the office commence and close with the college year.

THE HAHNEMANIAN SOCIETY.

This society was established several years ago, and it has been a potent factor in promoting the scholarship of our classes, and in bringing its members into pleasant social relations.

It holds its sessions in the Department building and aims to have two programs a month. All new students will find it to their interest to become active members.

A diploma is awarded by this society to its members who graduate from this Department.

POST-GRADUATE COURSE.

The Faculty of the Department take pleasure in announcing that arrangements have been completed for the establishment of a Practitioner's Course in which the work will be clinical and in the laboratories of the University.

The course will open one week after Commencement, and continue four weeks, five days in each week. From three to six studies a day are provided, the student having the privilege of taking all or any number. The branches offered and teachers engaged, are as follows :

Surgery and Surgical Gynecology—JAMES G. GILCHRIST, A. M., M. D.

Ophthalmology, Otology, Laryngology, and Rhinology—FRANK J. NEWBERRY, M. D., O. ET. A. CHIR.

Normal Histology and Embryology—FRANK S. ABY, M. S.

Pathological Histology—WALTER L. BIERRING, M. D.

Chemistry and Urine Analysis—ELBERT W. ROCKWOOD, A. M.

The Clinical work includes daily classes, in which instruments and appliances for diagnosis, and the most approved methods of treatment will be illustrated, the material being abundant and of great variety.

The Laboratory work will be of the most practical character. In Histology, Normal and Pathological, each student will be supplied with a microscope and all necessary accesorics. He will inject, harden, stain, section, and mount specimens of all the tissues and the various pathological structures. The specimens so prepared will remain the property of the student. A small charge for material used at actual cost price is made.

The work in the Chemical Laboratory will be in the study of the excretions, more particularly the urine, as they occur in health and disease. The cost of material will be charged, the amount quite insignificant, as well as any breakage of apparatus due to carelessness.

CONDITIONS FOR ADMISSION are the possession of a diploma from some accredited Medical College, a certificate from the State Board of Medical Examiners, or two years' medical study.

FEES, for the whole course, \$25.00.

Those who are not alumni or undergraduates of the University will pay an additional fee of \$5.00. Breakage of material in the laboratories will be charged for at actual cost.

All fees must be paid to the Secretary of the University, Mr. Wm. J. Haddock, at the commencement of the course.

Those desiring to take this course will please notify the Department as early as possible. For additional information address the Dean or Registrar of the Faculty at Iowa City.

The arrangement of classes and studies for the year 1892-93 was as follows, and will fairly represent the schedule for the coming year:

FRESHMAN YEAR.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9-10	Chemistry.	Chemistry.	Physiology.	Histological Laboratory. 8 to 10.	Chemical Laboratory.	Anatomy. 8 to 10.
10-11		Physiology.				Recitation in Chemistry.
11-12		Materia Medica.			Anatomy.	
1-2		Eye and Ear Clinic.	Anatomy Quiz.	Physiology Quiz.	1:30 to 4, Surgical Clinic.	
2-3	Minor Surgerv.			Medical Clinic.		
3-4		Materia Medica.				
4-5	Materia Medica.	Physiology.		Special Topics.		

JUNIOR YEAR.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9-10	Pædology.	Materia Medica.	Physiology.	Practice.	Obstetrics.	Anatomy. 8 to 10.
10-11		Physiology.			Obstetrics.	
11-12		Medical Clinic.		Practice.	Anatomy.	
1-2		Eye and Ear Clinic.	Anatomy Quiz.	Physiology Quiz.	Surgical Clinic.	
2-3	Surgical Emergencies			Medical Clinic.		
3-4		Materia Medica.				
4-5	Materia Medica.	Physiology.	Practice.	Surgical Emergencies	Anatomy.	

SENIOR YEAR.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9-10	Pædology.	Materia Medica.	Eye and Ear.	Practice.	Obstetrics.	Toxicology.
10-11	Surgery.	Gynæcology	Surgery.	Surgery.	Obstetrics.	
11-12		Materia Medica.		Practice.	Surgical Quiz.	
1-2		Eye and Ear Clinic.	1:30 to 4. Pathological Laboratory.		Surgical Clinic. 1:30.	
2-3				Medical Clinic.		
3-4		Materia Medica.				
4-5	Materia Medica.		Practice.			

The time for Medical Jurisprudence to be announced.

LIBRARIES.

The general libraries of the University, in which is included the department library, is open to students on all week-days, from 8:30 A. M. to 5 P. M. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains about 30,000 volumes and 1000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students in this department. A cabinet has been provided for this department which already contains a number of valuable specimens.

Physicians are invited to send to the registrar any specimens of healthy, morbid, or comparative anatomy, which will be properly labeled with the name of the donor, and placed in the museum.

GENERAL RULES.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

All fees must be paid at the beginning of the session to the Secretary of the University, William J. Haddock.

In case any student is unable to pay the fees at the proper time, such student may, on application to the Dean of the department, be granted an extension of time not to exceed thirty days from the opening of the session.

All students who do not pay the proper fees or avail themselves of the provision above mentioned, will be suspended from the department until such fees are paid.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

BOARD AND ACCOMMODATIONS.

Good board can be obtained at from \$3 to \$5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the Y. M. C. A. Information Bureau.

Students will find themselves provided with the best accommodations in the new Medical building for all lectures had in common with the Medical Department.

The building erected for the State Homœopathic Hospital is conveniently located, and contains a pleasant, well-lighted and commodious lecture room, in which all the lectures and clinics of the department are held.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for four years; must have attended three courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

In addition to these requirements, candidates must have passed satisfactory examinations in all the branches taught in the department, including Histology, Chemistry, Anatomy, Physiology and Pathology, and must have satisfactorily completed the required courses in the Chemical Laboratory and Practical Anatomy.

The final examinations will be conducted both orally and in writing by the Faculty of the Department. The written examinations will be referred to a board of examiners selected for that purpose from the Homœopathic Physicians of Iowa, and will be subject to their approval or rejection. In case of rejection in any subject the student so rejected shall be required to pass a satisfactory oral examination, in that subject, conducted by the Faculty in the presence of the Board of Examiners.

Class standing, recitation marks, together with demonstrator's reports and final examinations will be taken into consideration when determining the candidate's fitness to receive the medical degree.

Ad Eundem degrees may be granted on the following conditions: The candidate must be a graduate in Medicine from some reputable Medical College, must have practiced medicine not less than five years; must pay the full fees required for the Senior year in this Department, and pass a satisfactory examination in Homœopathic Therapeutics, as related to Surgery, Obstetrics, and Practice.

Honorary Degrees will not be granted under any circumstances.

All examination fees are to be paid during the first week in February.

For additional information apply to the Registrar or Dean of the Homœopathic Medical Department, No. 12 North Clinton St., Iowa City Iowa.

Alumni Association.

The Alumni Association held its ninth annual meeting at the college building, March 14, 1893, at which time the following officers were elected.

<i>President,</i>	JAMES MOORHEAD, M. D.	Cedar Rapids,
<i>First Vice-President,</i>	A. L. POLLARD, M. D.	Anamosa,
<i>Second Vice-President,</i>	G. W. PALMER, M. D.	Marion,
<i>Secretary,</i>	EMMA F. RICHARDSON, M. D.	Oskaloosa.
<i>Treasurer,</i>	LEORA JOHNSON, M. D.	Iowa City.

EXECUTIVE COMMITTEE.

President, Secretary, Treasurer.

Alumni are urged to send their names to the Secretary, and be enrolled as members. A small admission fee is required, the funds so procured, are to be donated to the Hospital, agreeably to a vote taken at the last meeting. Alumni are requested to keep the Secretary informed of change of address.

JAMES. MOORHEAD, M. D., *President.*
EMMA F. RICHARDSON, M. D., *Secretary.*

SCHEDULE OF Minimum Requirements of all Medical Colleges,

Adopted by the Iowa State Board of Medical Examiners, July
8th, 1886, and Amended May 1st, 1889.

I.

CONDITIONS OF ADMISSION TO LECTURE COURSE.

1. Credible certificates of good moral character.
2. Diplomas of graduation from a recognized College, Scientific, or High School, or lacking this, a thorough examination in the branches of a good English education, including Mathematics, English Composition, Elementary Physics or Natural Philosophy, and Latin prose.

II.

BRANCHES OF MEDICAL SCIENCE TO BE INCLUDED IN THE COURSE.

1. Anatomy.
2. Physiology and Hygiene.
3. Chemistry.
4. Materia Medica and Therapeutics.
5. Theory and Practice of Medicine.
6. Pathology and Pathological Anatomy.
7. Surgery.
8. Obstetrics and Gynecology.

III.

LENGTH OF REGULAR GRADUATING COURSE.

1. The time occupied in each regular course of medical lectures shall not be less than six months, or twenty-four weeks each.
2. Three full courses of lectures, not more than one of which shall be within the same year of time, shall be required for graduation with the Degree of Doctor of Medicine.

IV.

ATTENDANCE AND EXAMINATIONS, OR QUIZZES.

1. Regular attendance during the entire Lecture Courses shall be required, allowance being made only for absences occasioned by the student's sickness, and such absence not to exceed twenty per centum of the Course.

2. Regular examination or quizzes, to be made by each lecturer or professor daily or at least once each week.

3. Final examination in all branches to be conducted, when practicable, by competent examiners, other than the professors in each branch.

V.

DISSECTION, CLINICS AND HOSPITAL ATTENDANCE.

1. Each student shall have dissected during at least two Courses.

2. Attendance during at least two terms of clinical and hospital instruction shall be required.

VI.

TIME OF PROFESSIONAL STUDIES.

1. After the session of 1890-91 this shall be not less than four years before graduation, including the time spent with a Preceptor and attendance upon lectures, as stated above. (III.)

VII.

INSTRUCTION.

1. The College must show that it has a sufficient and competent corps of instructors, and the necessary facilities for teaching dissection, clinics, etc.

VIII.

GRADUATES TO MATRICULATES.

1. The aggregate graduates of a college shall not exceed forty-five per cent of its aggregate matriculates during the period of five years ending with any session subsequent to the sessions of 1885-6.

All Medical Colleges desiring recognition for their graduates by the Iowa State Board of Medical Examiners, are hereby respectfully notified that the above requirements will be strictly and impartially adhered to and enforced on and after January 1, 1892.

J. F. KENNEDY, M. D.,
Secretary.

J. C. SHRADER, M. D.,
President.

Graduating Class, 1893.

NAME.	RESIDENCE.
Aplin, Clarence A.	Cambridge.
Barker, Alfred H.	Black River, Wis.
Bumgardner, Edward, D. D. S.	Iowa City.
Burnett, Elliott H.	Maquoketa.
Calkins, Royal W.	Clarks, Neb.
Conner, Warren H.	Andalusia, Ill.
Gethman, Charles C.	Eldora.
Graening, Charles H.	Monona.
Hansen, Andreas S.	Cedar Falls.
Jones, Thomas J.	Osceola, Neb.
Kelso, Isabella F.	Waterloo.
Matheson, Arne	Black River, Wis.
Miles, Franklin P.	Rogers, Ark.
Moorhead, James	Cedar Rapids.
Newbold, Edwin H.	Center Point.
Palmer, George W.	Downey.
Pollard, Alpheus L.	Anamosa.
Quisling, Andreas	Northwood.
Richardson, Emma F.	Oskaloosa.
Sage, Fred C.	Waterloo.
Tiffany, DeForest E.	Center Point.
Tribon, Frank L.	Dunkerton.
Watson, Samuel N., D. D.	Iowa City.

Matriculants.

SENIOR YEAR.

NAME.	RESIDENCE.
Aplin, Clarence A.	Cambridge.
Barker, Alfred H.	Black River, Wis.
Bumgardner, Edward, D. D. S.	Iowa City.
Burnett, Elliott H.	Maquoketa.
Calkins, Royal W.	Clarks, Neb.
Conner, Warren H.	Andalusia, Ill.
Gethman, Charles C.	Eldora.
Graening, Charles H.	Monona.
Hansen, Andreas S.	Cedar Falls.
Jones, Thomas J.	Osceola, Neb.
Kelso, Isabella F.	Waterloo.
Matheson, Arne	Black River, Wis.
Miles, Franklin P.	Rogers, Ark.
Moorhead, James	Cedar Rapids.
Newbold, Edwin H.	Centre Point.
Palmer, George W.	Downey.
Pollard, Alpheus L.	Anamosa.
Quisling, Andreas	Northwood.
Richardson, Emma F.	Oskaloosa.
Sage, Fred C.	Waterloo.
Tiffany, DeForest E.	Center Point.
Tribon, Frank L.	Dunkerton.
Watson, Samuel N., D. D.	Iowa City.

JUNIOR YEAR.

NAME.	RESIDENCE.
Anderson, William E.	Washington.
Aschenbrenner, Carl F.	Dysart.
Everett, Edward J.	Atlantic.
Homan, Ralph W.	Corning.
Horton, Frank H.,	Belmond.
Isom, Marion	Cowles, Neb.
Kilborne, Frank L.	Sioux City.
Kimball, Adele P.	Iowa City.
Laey, Jens S.	Iowa City.
Reeves, George M.	Montrose.
Richardson, Everett E.	Ida Grove.
Rogers, Ernest A.	Vinton.
Ross, Adele I.	Waubeck.
Wilson, John W.	Crystal.
Woodward, Archie C.	Moline, Ill.
Van Deveer, Frank L.	Andalusia, Ill.

FRESHMAN YEAR.

NAME.	RESIDENCE.
Borts, Harvey D.	Downey.
Bohstedt, Minnie I.	Victor.
Boyer, Howard C.	Dublin.
Ebersole, Howard C.	Anamosa.
Fletcher, David A.	Sioux City.
Gray, Richard H.	Marion.
Hayden, Arthur S.	Wall Lake.
Humphry, Alice M.	Redfield.
Humphry, Howard M.	Toledo.
Kennedy, William R.	Anamosa.
Mills, Caroline	Evanston, Wyo.
Moss, Flora C.	Oskaloosa.
Newbold, Reuben L.	Centre Point.
Nichols, Frank L.	Sioux City.
Schenck, Kate	Waterloo.
Seeley, Oscar	Sutherland.
Seeman, William O.	Dubuque.
Shaw, Luella G.	Pella.
Smith, Mark H.	Council Bluffs.
Smythe, Margaret A.	Lake City.
Starcke, And. H.	Junction City, Kan.
Wallace, Ida B.	Council Bluffs.
Whiting, Bernice G.	Iowa City.
Woolverton, Ella G.	Iowa City.

PRE-MATRICULATE.

NAME.	RESIDENCE.
Dorman, Clark L.	Manchester.
Dorman, Oscar S.	Manchester.
Nevitt, James A.	Hamilton, Mo.

NURSES GRADUATED IN 1891.

Mary E. Overholt	Iowa City.
Ella G. Woolverton	Iowa City.

PUPIL NURSES, 1893.

Olivia C. Larson	Mt. Pleasant, Utah.
Grace S. Stauffer	Lebanon, Penn.

Alumni.*

NAME.	RESIDENCE.
1893 Aplin, Clarence A.	Ames.
1883 Aplin, William H.	Hamilton, Mo.
1881 Anderson, Horace G.	Ohio.
1882 Arp, Augustus H.	Moline, Ill.
1883 Bailey, Samantha E.	Winfield, Kan.
1883 Baker, Louis G.	Williamsport, Pa.
1887 Baker, Albra W.	Williamsport, Pa.
1890 Baker, Richard C.	Oelwein.
1893 Barker, Alfred H.	Belmond.
1884 †Barr, George W.	
1886 Barrette, J. E.	Nebraska.
1886 Barth, J. L. J.	St. Louis, Mo.
1883 Basten, C. V.	Kearney, Neb.
1883 Bayless, William F.	Wayland, Tex.
1887 Beck, Joseph E.	Kittaning, Pa.
1887 Beck, Peter S.	Kansas.
1886 Becker, Fred J.	Postville.
1883 Bell, Samuel T.	
1888 Bennett, Theodocia (Parker)	Warsaw, Ill.
1890 Bennett, Sophie E.	Warsaw, Ill.
1886 Blackman, George E.	
1891 Blakeslee, Miriam E.	North Topeka, Kan.
1889 Bourne, Joseph W.	Neamha City, Neb.
1890 Box, Frank A.	Pulaski, N. Y.
1888 Boynton, F. H.	Chariton.
1885 Bray, Nicholas	Dubuque.
1886 Bray, William	Dubuque.
1891 Brown, Charles A.	Lamont.
1883 Brumback, Newton N.	Beatrice, Neb.
1893 Bumgardner, Edward, D.D.S.	Iowa City.
1893 Burnett, Elliott H.	Rockford.
1893 Calkins, Royal W.	Iowa City.
1881 Caldwell, J. E.	Healdsburg, Cal.
1888 Carns, Harry	Montrose.
1885 Clark, Charles W.	Dillon, Mont.
1891 Cline, Alice B.	Kansas City, Mo.

* The last known address is given. Alumni are requested to notify the Registrar of any change.

† Deceased.

NAME.	RESIDENCE.
1889 Cole, Sarah A.	Bad Axe, Mich.
1893 Conner, Warren H.	Blue Grass.
1891 Coon, George S.	Cook Co. Hospital,
1885 *Cotton, Mary A.	[Chicago.
1886 Cotton, Alonzo A.	
1887 Coulter, Elva M.	Dubuque.
1882 Cross, A. M.	
1885 Dailey, Ada	Sheffield.
1879 Davis, Sheldon F.	California.
1880 Delap, Silas C.	Kansas City, Mo.
1891 DeMarsh, Clark C.	Sigourney.
1887 Derx, Jacob	Rahoka, Mo.
1884 Dickinson, D. W.	Des Moines.
1880 Disbro, Jo Anna (Crawford)	Minneapolis, Minn.
1880 Emonds, William G.	Seattle, Wash.
1882 Erwin, William	Indianola.
1881 Fleming, Amos C.	Augusta, Mont.
1887 Fees, Arthur W.	Lenox.
1893 Gethman, Charles C.	Eldora.
1888 Glasier, Johnson J.	Brush Creek.
1882 Gleason, Flora S.	Santa Ana, Cal.
1883 Gleason, J. C.	Santa Ana, Cal.
1882 Golden, Hannah C.	Vinton.
1891 Goldsworthy, Lelia O.	Osage.
1891 Goldsworthy, William	Boulder, Col.
1889 Goodrich, Alice A.	Des Moines.
1890 Gray, William R.	Gray's Harbor, Wash.
1893 Graening, Charles H.	Aspen, Col.
1880 Green, A. C.	Middleton, Ohio.
1888 Green, Edward P.	Long Pine, Neb.
1889 Hackett, James F.	
1893 Hansen, Andreas S.	Cedar Falls.
1891 Hardesty, George W.	Maywood, Neb.
1884 Hartmann, Ossian	Clinton.
1881 *Henderson, J. W.	
1880 Hitchcock, J. B.	Woodstock, Wis.
1890 Hollopeter, Charles N.	Beatrice, Neb.
1881 Howard, George S.	Talmdage, Neb.
1890 Howe, William F.	Pottsdam, N. Y.
1882 Hullhorst, C. G. A.	Columbus, Neb.
1882 Hullhorst, F.	Yutan, Neb.
1889 Hullhorst, Paul	Scotia, Neb.
1891 Humphrey, Frank D.	Andalusia, Ill.

* Deceased.

NAME.	RESIDENCE.
1880 Hunter, L. K.	Leavenworth, Kan.
1884 Huxley, A. T.	Mason City.
1890 Johnson, Leora	Iowa City.
1893 Jones, Thomas J.	Osceola, Neb.
1881 Joy, Lizzie E. (Eldridge)	Mineral Ridge.
1884 Keller, Francis	Tacoma, Wash.
1893 Kelso, Isabella F.	Waterloo.
1885 Kile, W. T.	Plainview, Neb.
1882 Knight, Frank M.	Aliaance, Neb.
1888 Krogstad, Henry	Washington, D. C.
1888 Lankton, Freeda M.	Omaha, Neb.
1885 Lanning, Charles	Muscatine.
1887 Lawrence, Ed. S.	
1887 Lee, Frank W.	Riceville.
1891 Lewis, Edgar C.	Mt. Pleasant.
1889 Loizeaux, Charles J.	Dysart.
1881 Lount, Robert	Rhode Island.
1882 Marr, Harvey E.	Shenandoah.
1889 Marsh, Franklin A.	Seward, Neb.
1887 Martin, Albert S.	Boone.
1893 Matheson, Arne	Neillsville, Wis.
1888 McChesney, M. J.	Osceola, Neb.
1885 McClain, S. N.	Washington.
1889 McCeney, Edward M.	Dubuque.
1891 McKee, Bart.	Dunfarmline, Ill.
1890 Messenger, Hattie E.	Hutchinson, Kan.
1884 Meredith, W. C.	Michigan.
1881 Merry, Wealtha A.	California.
1893 Miles, Franklin P.	West Liberty.
1881 Miller, William	DeWitt.
1888 Miller, John P.	Kansas City, Kan.
1890 Morford, Cornelius M.	Toledo.
1893 Morehead, James	Cedar Rapids.
1881 Morton, William M.	Iowa Falls.
1891 Muirhead, George S.	Marion.
1884 *Myers, Mary A.	
1888 Neitmann, Louis S.	Clinton.
1888 Nelson, John S.	Ft. Dodge.
1893 Newbold, Edwin H.	Centre Point.
1879 Newell, Robert C.	Austin, Ill.
1892 Newland, Mark A.	Center Point.
1887 Norcross, Carl V.	Butte City, Mont.
1886 †Norcross, W. S., M. D.	Butte City, Mont.

* Deceased. † *Ad Eundem.*

NAME.	RESIDENCE.
1878 †Oren, Samuel A., M. D.	Iowa City.
1891 Paisley, Charles L.	Farmington.
1893 Palmer, George W.	Marion.
1886 Paul, Frank D.	Cambridge, Ill.
1888 Parker, James W.	Warsaw, Ill.
1881 Pearse, Susan S.	Chelsea, Kan.
1884 Peery, Bessie E.	Trenton, Mo.
1889 Perry, Maria G.	Fairfield.
1891 Phelps, Myron	Harlan.
1893 Pollard, Alpheus, L.	Anamosa.
1885 Preston, Abi L.	Erzoom, Turkey.
1882 Printy, James A.	Lake View, Ill.
1884 Pyle, Charles W.	Rich Hill, Mo.
1893 Quisling, Andreas	Samber.
1892 Reinhold, Hannah C.	Williamsport, Pa.
1884 Remington, F. A.	Sioux City.
1893 Richardson, Emma F.	Oskaloosa.
1883 Robbins, Fred	Neola.
1881 *†Robinson, G. A., M. D.	
1885 Howe, W. H.	Waukesha, Wis.
1883 Rumsey, Fred B.	
1893 Sage, Fred C.	Hudson.
1880 Schwartz, C. M. H.	Cedar Rapids.
1882 Snyder, B. S.	Kansas.
1881 Somers, F. N.	Beatrice, Neb.
1887 Southworth, F. W.	New Tacoma, Wash.
1883 Speicher, John G.	
1882 Spencer, Huldah	Denver, Col.
1882 Stephens, F. E.	
1886 Stratton, Daniel E.	Chinese Camp, Cal.
1886 Strawbridge, F. A.	Sigourney.
1887 Swan, Clara J.	Mt. Pleasant.
1888 Suffa, George A.	Greenville, R. I.
1891 Swetland, Agnes V.	Omaha, Neb.
1891 Swinburne, Arthur H.	Earlville.
1883 Taylor, Ellen A.	Davenport.
1884 Thomas, A. H.	
1879 Thompson, James H.	Davenport.
1890 Thompson, Thomas F.	Shohomish, Wash.
1893 Tiffany, DeForest E.	Grand Island, Neb.
1883 Tiffany, John W.	Grand Island, Neb.
1893 Tribon, Frank L.	Algona.
1880 Van Sickle, A. R.	Hastings, Neb.

†*Ad Eundem*, * Deceased.

NAME.	RESIDENCE.
1887 Vroom, Charles W.	Ackley.
1882 Waggoner, Nettie	Minonk, Ill.
1881 Watsek, J. W.	Davenport.
1893 Watson, Samuel N., D. D.	Iowa City.
1885 Wessel, A. E.	Guernsey.
1891 Whiting, Mary	Iowa City.
1892 Wiggins, Hiram N.	Wayland.
1887 Wight, William C.	
1884 Wilbur, Carrie E.	Minneapolis, Minn.
1881 Wilson, W. W.	Paris, Ill.
1882 Winchell, H. E.	Rich Hill, Mo.
1880 Winter, F. W.	Wymore, Neb.

THE HOMŒOPATHIC MEDICAL DEPARTMENT.

Three sessions of six months each are required for graduation when the degree M. D., is conferred, and the graduates are entitled to registration by the State Board of Medical Examiners.

During the year 1892-93 instruction was given by twenty professors and assistants, and the number of students enrolled was sixty-seven.

THE DENTAL DEPARTMENT.

The full course requires attendance during three sessions of six months each. On the completion of the course the degree D. D. S., is conferred and the graduates are entitled to registration by the State Board of Dental Examiners.

During the year 1892-93 instruction was given by twenty-two professors and assistants, and the number of students enrolled was one hundred and thirty.

THE PHARMACY DEPARTMENT.

The course in this department comprises two sessions of six months. On its completion the degree Ph. G., is conferred. During the year 1892-93 instruction was given by seven professors and assistants, and the number of students enrolled was fifty-three.

The University is well supplied with laboratories and apparatus. Among the former may be mentioned the Chemical Laboratory, recently erected at an expense of \$50,000, in which building is also located the Pharmacy Laboratory; the Physical Laboratory, Laboratories for Animal Morphology and Physiology; the Botanical Laboratory; the Psychophysical Laboratory; the Pathological Laboratory; the Engineering Laboratories; the Dental Laboratories.

The Museum of Natural History contains large collections of specimens which are used in the work of instruction in Geology, in Zoology, in Botany, etc.

The Libraries of the University contain over 30,000 volumes.

For further information as to any of the Departments address,

CHARLES A. SCHAEFFER,

President of the University.



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1894/95

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FEB 1 1921

Homœopathic Medical Department
State University of Iowa

ANNOUNCEMENT

1894—95

UNIVERSITY OF ILLINOIS
NOV 23 1918
Administrative Library

THE STATE UNIVERSITY OF IOWA.

The head of the school system of the state was provided for by a statute enacted by the First General Assembly in February, 1847, in accordance with the constitution of the state adopted in the previous year. As at present organized the University comprises the following departments:

THE COLLEGIATE DEPARTMENT.

THE LAW DEPARTMENT.

THE MEDICAL DEPARTMENT.

THE HOMŒOPATHIC MEDICAL DEPARTMENT.

THE DENTAL DEPARTMENT.

THE PHARMACY DEPARTMENT.

THE COLLEGIATE DEPARTMENT.

Students are admitted to this department from most of the high schools of the state without examination. The curriculum embraces four general courses of study, the classical, two philosophical, the general scientific; and two technical courses, the course in civil engineering, and the course in electrical engineering.

There is no preparatory school connected with this department. During the year 1893-94 there were thirty-four professors and assistants engaged in the work of instruction in this department, and the number of students enrolled was four hundred and twenty-six.

LAW DEPARTMENT.

The course in this department extends over two years of nine months each, and on its completion the degree LL. B. is conferred.

During the past year instruction was given by four resident professors, who spend their entire time in that work, and by four lecturers of distinction in the various branches of law.

The number of students enrolled in 1893-94 was two hundred.

THE MEDICAL DEPARTMENT.

The course in this department requires three sessions of six months each, and on its completion the graduates receive the degree M. D., and are entitled to registration by the State Board of Medical Examiners.

During the year 1893-94 instruction was given by twenty-one professors and assistants, and the number of students enrolled was one hundred and sixty-eight.

(Continued on page 3 of cover).

IOWA, 189

TO THE FACULTY OF THE HOMOEOPATHIC MEDICAL DEPARTMENT,
OF THE STATE UNIVERSITY OF IOWA.

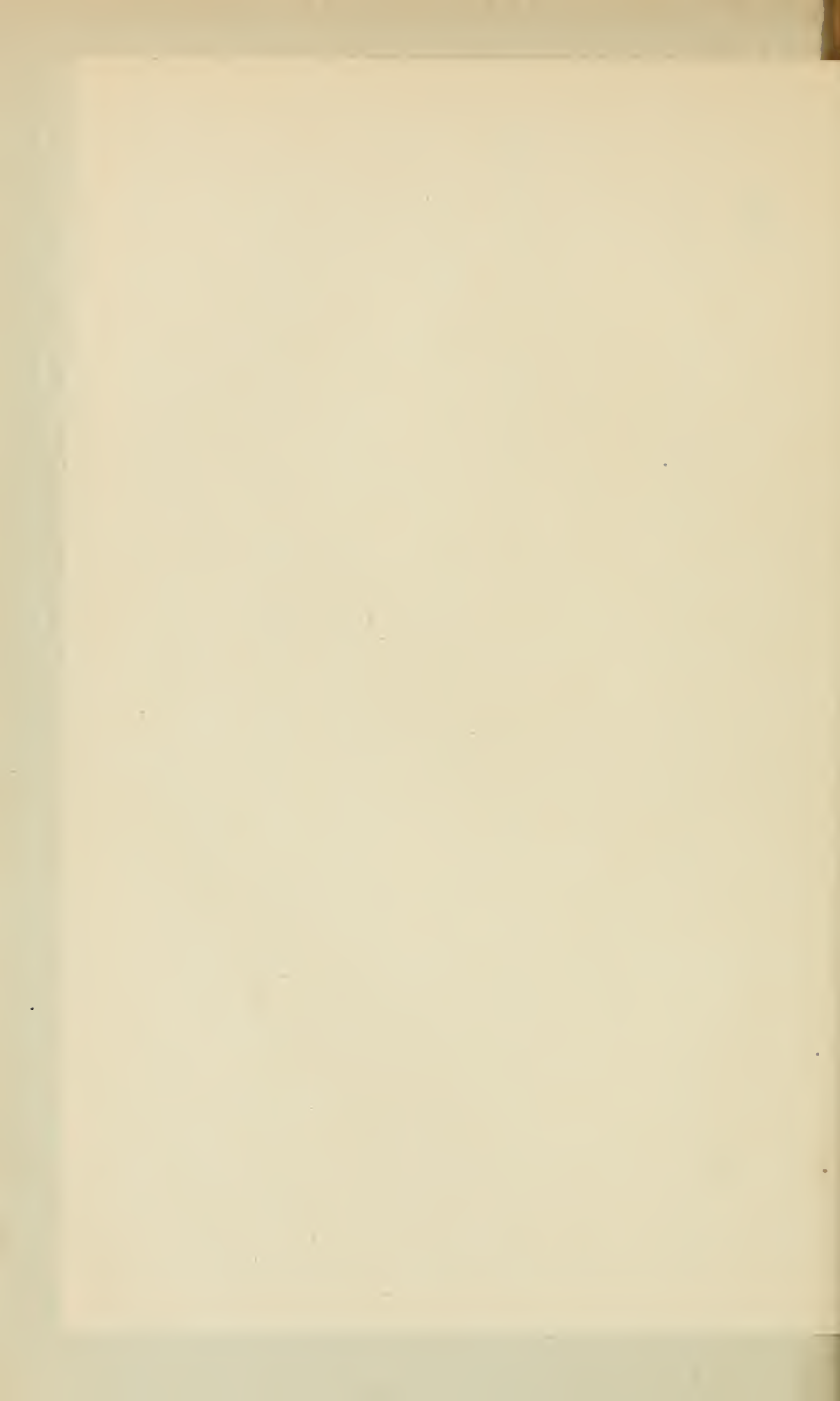


The bearer, Mr. _____, has studied _____,
(Give name in full.) _____

Medicine in my office for months, and has read the following:

I recommend him as a suitable person for Matriculation, and well prepared to pursue intelligently the study of Medicine.

M. D.



EIGHTEENTH ANNUAL ANNOUNCEMENT

OF THE

Homœopathic Medical Department

OF THE

STATE UNIVERSITY OF IOWA

IOWA CITY, IOWA

1894-95

PUBLISHED BY THE UNIVERSITY

1894

HOMŒOPATHIC MEDICAL DEPARTMENT.

FACULTY.

CHARLES A. SCHAEFFER, A. M., PH. D. LL. D.,
President.

WILMOT H. DICKINSON, M. D.,
Professor of Theory and Practice and Clinical Medicine.
Dean of the Faculty.

JAMES G. GILCHRIST, A. M., M. D.,
Professor of Surgery and Surgical Gynecology.
Registrar of the Faculty.

CHARLES H. COGSWELL, M. D.,
Professor of Obstetrics and Diseases of Women.

FRANK J. NEWBERRY, M. D., O. et A. Chir.,
Professor of Ophthalmology, Otology and Pædology.

GEORGE ROYAL, M. D.,
Professor of Materia Medica and Therapeutics.

D. W. DICKINSON, M. D.,
Assistant to the Chair of Theory and Practice.

THEODORE L. HAZARD, M. D.,
Assistant to the Chair of Materia Medica.

FRANKLIN P. MILES, M. D.,
Assistant to the Chair of Surgery.

RALPH W. HOMAN, M. D.,
House Surgeon.

ADDITIONAL INSTRUCTORS.

MEDICAL DEPARTMENT.

WOODS HUTCHINSON, A. M., M. D.,

Professor of Anatomy.

JAMES R. GUTHRIE, A. M., M. D.,

Professor of Physiology.

GERSHOM H. HILL, A. M., M. D.,

(Superintendent of the Hospital for the Insane at Independence.)

Lecturer on Insanity.

ELBERT W. ROCKWOOD, A. M.,

Professor of Chemistry and Toxicology.

FRANK S. ABY, M. S.,

Professor of Normal Histology.

WALTER L. BIERRING, M. D.,

Professor of Pathological Histology.

JOHN W. HARRIMAN, M. D.,

Demonstrator of Anatomy.

ALBERT M. BARRETT, A. B.,

Demonstrator of Normal Histology.

W. R. WHITEIS, B. S.,

Demonstrator of Pathological Histology.

W. E. BARLOW, A. B.,

Demonstrator of Chemistry.

FRANK CARROLL, M. D.,

Assistant in Chemistry.

LAW DEPARTMENT.

EMLIN McCLAIN, A. M., LL. D.,

Lecturer on Medical Jurisprudence.

EXAMINERS.

B. BANTON, M. D., *Waterloo.*

A. P. HANCHETT, M. D., *Council Bluffs.*

W. BANCROFT, M. D., *Keokuk.*

HOMŒOPATHIC MEDICAL DEPARTMENT.

The eighteenth annual course of instruction will commence on Wednesday, September 19, 1894, and close on Tuesday, March 12, 1895.

In issuing this announcement the Faculty desire first to extend their thanks to the profession of the state, who have given them such hearty and generous support, not only in sending students to the University, but for their maintenance of the clinics, contributions in money for the enlargement of the Hospital, and many valuable donations of hospital furniture and apparatus. The fact that this College is a Department of a great University, should, and doubtless does, act as a potent factor in attracting students, and securing the support of the profession. The large laboratories, with their excellent equipment, furnish facilities for teaching that few, if any, private schools can hope to duplicate.

Through the labors of the friends of this Department an appropriation of \$15,000 has been secured from the Legislature, for building purposes, which will enable the Department to do better work in the future, and to compare more favorably with other Departments in the University. It is hoped that the new building will be ready at the commencement of the Fall term.

The work in this Department has been thoroughly remodeled, partly for the purpose of a more rigid observance of the requirements of the various State Medical Boards, and the Inter-Collegiate Association, and partly to keep the Department in line with the march of medical progress. The course of study must cover four years, one of which must be pre-matriculate, under a preceptor, and three undergraduate. The classes are, for the most part, instructed separately, the student being required to attain a certain standing before passing into higher classes.

THE PLAN OF WORK

for the four years is given more particularly in the following pages, together with the qualifications for admission into the several classes. Men and women are admitted on equal terms, and no distinction whatever is made between them. They attend all classes in common and are called upon to do equal work in all particulars.

PRE-MATRICULATE REQUIREMENTS.

Students should not be less than eighteen years of age. They should select as a preceptor a reputable practitioner of medicine, a graduate of an accredited school. They should read, under the guidance and instruction of the preceptor, Elementary Chemistry, Physics, and Biology, as well as Anatomy, Physiology, and Medical Institutes, particularly the *Organon of Hahnemann*. Beyond this they need not go, unless graduates in letters or science, when they would find profit in a careful reading of *Grauvogl's Text Book of Homeopathy*, and *Ziegler's Pathogenesis, and Pathological Anatomy*.

FRESHMAN YEAR.

Students must apply for registration in person, at the office of the Registrar of the Faculty, in the College building, a day or two before the opening of the term. They must present a certificate from their preceptor, showing that they have read medicine for one year, and stating specifically what the studies have been. The certificate attached to this Announcement is to be used for this purpose. Applicants for registration, who have degrees in Science or Art, who have passed the Sophomore year in a reputable college, or have first class teacher's certificates, are admitted without preliminary examination. All others will be required to submit to an examination in English scholarship by a committee of the Faculty, as is shown more particularly in the *Schedule of Requirements*, ordered by the State Board of Medical Examiners, printed on another page. Should the applicant be a graduate from some collegiate institution recognized by the University as having an adequate curriculum, and have passed in Chemistry, Physics, Biology, or Physiology, he may become a pupil of the Faculty, and the pre-matriculate requirements, as to preceptor, will be waived.

The fees for this course will be paid to the Secretary of the University, and to him only, at the commencement of the term, for which he will issue a single ticket.

The fees for this year are as follows:

Histological laboratory	\$ 5.00
Matriculation	5.00
Lecture ticket.....	20.00
Hospital ticket.....	3.00
Demonstrator's ticket.....	10.00
Chemical Laboratory.....	5.00
*Breakage deposit	3.00
†Examination fee.....	5.00
	\$56.00

*To be refunded at the close of the course, less charges for breakage.

†Paid before the examination, at the close of the term.

The studies in this year are Chemistry, Anatomy, Physiology, Pharmacology and Institutes, Normal Histology, and Minor Surgery. Attendance at clinics is desirable but not obligatory.

The books recommended for this year, are as follows: *Anatomy*, Gray; *Physiology*, Dalton, Foster; *Histology*, Klein; *Minor Surgery*, Gilchrist, Sargent or Martin's Essentials; *Chemistry*, Withaus, or Roscoe and Schorlemmer, Andrews' Analytical; Wolfe or Tyson on Urinalysis; Hahnemann's Organon.

The plan of work is as follows:

ANATOMY.

The lectures in Anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver. Weekly quizzes are held by a member of the Faculty of this Department, or under his supervision, the markings assisting in fixing the standing of the student.

PRACTICAL ANATOMY.

Satisfactory dissection of one part is made a condition of advancement to the Junior class. The dissecting room is large, commodious, and facilities for profitable work are ample. The Demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

PHYSIOLOGY.

In this subject the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and black-board figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Quizzes are held weekly by a member of the Faculty of this Department, or under his supervision, and, as in the case of anatomy, the markings assist in determining class-standing.

INSTITUTES AND PHARMACOLOGY.

The Assistant to the chair of Materia Medica, will give one lecture a week, in the first half of the year, on the Institutes of Homœopathy. In the last half Pharmacology will be taught in the same manner, particular reference being made to the preparation of drugs as used in Homœopathic practice, as well as to the manner of preservation and dispensing. Every effort will be made to give the students thorough instruction in these important topics.

MINOR SURGERY.

One lecture, and demonstration, will be given each week, on all topics falling under this head, including bandaging, care of instruments, surgical dressings, and minor operations.

HISTOLOGY

One lecture a week will be given, many of them being illustrated by means of the stereopticon. Two hours each week are devoted to laboratory work, in the new histological laboratory, which is commodious, well-lighted, and supplied with thirty-six new compound microscopes, with all necessary accessories, dissecting microscopes, microtomes of various kinds, injecting apparatus, turn-tables, etc.

Each student is furnished a microscope, reagents and apparatus, is taught the use of the microscope, and does, or has demonstrated before him, the general technique of the subject of histology, hardening, embedding, sectioning, staining, mounting, etc.

Histological injections are made before the class. During the term the student prepares for himself a series of slides, illustrating the ultimate distribution of the blood, and cellular structure of normal tissues and organs.

CHEMISTRY.

The course in chemistry consists of lectures and laboratory work. The lectures treat first of the general principles of the science; then the subjects of interest to the student of medicine are discussed. Especial attention is paid to the compounds found in the body, with their functions and chemical changes. Medicinal and poisonous substances, and such as are used in practical work are also considered.

In the laboratory the student begins with tests for the metals, particularly the poisonous ones, and passes to the analysis of complex substances. He learns methods of manipulation, and becomes acquainted with the properties and actions of reagents. In the latter part of the course, urine is studied; quantitative and qualitative tests are made for its pathological constituents, and such normal ones as are of importance to the physician. The microscopical and chemical

examination of urinary sediments, and calculi follows. The course is concluded by the examination of various specimens of urine, the student being required to test these, reporting as to whether they are normal or pathological, and giving the kinds and amounts of abnormal constituents found.

The work in practical chemistry has been transferred from the Medical Building to the new Chemical laboratories of the University. In the new laboratory building, the Medical Department occupies rooms on the ground floor. These consist of Professors' rooms, store rooms, and two large laboratories. They are well lighted, and are heated by steam. Hoods, connected with ventilating shafts, carry off offensive and injurious gases. The outfit is ample for demonstrating the general principles of chemistry, as well as its application to medicine.

This programme gives 24 hours a week for class work, exclusive of clinics and Practical Anatomy, which would add 12 hours for a portion of the time. Of this, four hours are devoted to laboratory work, three to five to clinical, two to recitations, and the remainder to lectures.

At the close of the year final examinations are held in Chemistry, Histology, Minor Surgery and Osteology, which if successfully passed will carry the student to the Junior class. In the event of failure to pass any *one* of these examinations the student may enter the higher class, conditioned upon completing his standing at or before the close of the Junior year. A failure in *two* (or more) studies will stop further advancement until the conditions are satisfied.

Students are advised to attend all the lectures on *Materia Medica* if time will permit, but will not be expected to recite.

JUNIOR YEAR

Admission to the second, or Junior class, is regularly secured by passing from the Freshman class, the evidence being the ticket of the Dean, and the record of the student, but students who have taken the first year's work in other colleges, provided the curriculum is fully up to the standard of the various State Medical Boards, and the Inter-Collegiate Association, will be admitted to the Junior class upon presentation of satisfactory evidence.

The fees for this year are as follows, and must be paid to the Secretary of the University, and to him only, at the commencement of the term, for which he will issue a single ticket:

Physiological Chemistry.....	\$ 5.00
Lecture fee.....	20.00

Anatomy ticket.....	10.00
Hospital ticket.....	3.00
Examination fee.....	10.00
	\$48.00

Students from other colleges will be required to pay a matriculation fee of five dollars, and examination fee of fifteen dollars.

The studies taken this year will be: Anatomy, Physiology, Materia Medica, Surgical Emergencies, and Obstetrics; also attendance at all clinics.

The books recommended are as follows. *Anatomy* and *Physiology*, as in the Freshman year. *Practice*, Dickinson, Arndt System of Medicine; Raue, Special Pathology. *Surgery*, Gilchrist's Syllabus; Hamilton, Fractures and Dislocations. *Obstetrics*, Guernsey (for Therapeutics), Croserio, Lusk. *Materia Medica*, Allen, Primer; Farrington, Clinical Materia Medica; Cowperthwaite. *Pedology*, Duncan, Smith. *Physiological Chemistry*, Pellow.

The plan of work is as follows: Anatomy and Physiology the same as in the Freshman Year, final examination, however, will be held at the close of the year, by a member of the Faculty of this Department. Practical Anatomy is also completed, the examination to be conducted by the Demonstrator of Anatomy.

MATERIA MEDICA.

There will be four lectures a week, on this fundamental branch, with occasional recitations and special quizzes. The remedies are divided into two groups, one of which will be discussed one year, the other the next. A brief review of the toxicological and physiological effect of the drug will first be given, then the characteristics and most prominent symptoms. Especial attention will be given to the grouping of these symptoms, for therapeutic purposes, and comparing them with a similar group of other drugs which may be useful for the same disease.

THEORY AND PRACTICE.

General and special Pathology will be taught, according to the latest investigations into the ætiology and nature of the disease. It will be the aim of the occupant of this chair, to only teach that which has secured the sanction of competent observers, and which has been confirmed by abundant clinical experience. In teaching the relation of drug pathogenesis to semeiology, the well-established principles of Homœopathic Therapeutics will be closely and consistently followed.

* To be paid at the close of the term, prior to examination.

The teaching is both didactic and clinical; three lectures and one clinic being given each week. The lecture room being under the same roof with the hospital, furnishes admirable opportunities for bed-side instruction. The lectures will be illustrated by diagrams, wax and *papier-mache* models, and pathological specimens from the the museum of the College in order to enhance their usefulness. No efforts will be spared to prepare the student to become a successful practitioner.

OBSTETRICS.

The plan of instruction in this branch, will be the usual didactic method supplemented by demonstrations with wet and dry preparations, models and diagrams; together with clinical practice whenever possible. Two lectures a week are given, with occasional quizzes and recitations. The scheme is designed to carry the student forward, after thorough instruction in the anatomy of the pelvis and generative apparatus, through ovulation, menstruation, gestation, and normal labor, with the various abnormalities of the lying-in period. The use of obstetric instruments is taught on the manikin, and every care taken to thoroughly prepare the students for dealing with complications. Dystochia, and all forms of abnormal gestation and labor are given in the closing portion of the course. The central idea is to give the practical preference over the merely theoretical.

PÆDOLOGY.

One lecture a week is given on the diseases of children, supplementing the course on Theory and Practice. The subjects taken up are consequently the diseases of infancy, as well as early childhood, and while largely treated by the didactic method, clinical demonstrations are used whenever possible.

SURGICAL EMERGENCIES.

The work of this year in Surgery, will consist of two lectures a week throughout the year, with frequent quizzes and recitations, taking up the subjects included in what is called "Acute Surgery." As this is a branch of practice that all practitioners should be prepared to exercise, no pains will be spared to impart instruction. Anesthesia, wounds, hemorrhage, shock, fractures and dislocations will be among the topics discussed. Illustrations on the cadaver, as well as the living subject, will form an essential feature in this course.

PHYSIOLOGICAL CHEMISTRY

The lectures are in explanation and amplification of the laboratory work. The latter includes the study of the proximate principles of

the body, and of their chemical changes. Artificial digestive experiments are made, their products being isolated and tested. The constituents of the blood are tested, together with the methods for identification of stains. The qualitative tests for the abnormal constituents of the urine follow, and the quantitative determination of such as are of importance. The course is completed by the identification of urinary sediments and calculi: and the analysis of various pathological specimens of urine.

The number of hours occupied each week is twenty-six. From three to five is given to clinical work, the remainder to lectures and laboratory work. During a portion of the time, ranging from three to four weeks, 12 hours additional is given to Practical Anatomy.

At the close of the year examinations will be held in Anatomy, Physiology and Surgical Emergencies which if successful, passes the student to the Senior year. A failure in any one of these subjects, imposes a condition on the student, which must be satisfied before the close of the Senior year. A failure in two or more studies stops advancement, the student being required to complete this year's work the following year, when, if he fails again, he will be dropped.

SENIOR YEAR.

Admission to the Senior year, is gained by passing the required examinations in the Junior year, which fact is certified by the ticket of the Dean. Students coming from other colleges, recognized by the State Boards and Inter-Collegiate Association, who have proper credentials, showing that they have pursued the required curriculum, and passed successfully the necessary examinations, may be admitted to this class, in the discretion of the Faculty.

The fees are to be paid at the commencement of the term to the Secretary of the University, and to him only, for which he will issue a single ticket.

Pathological laboratory.....	\$ 5.00
Lecture fees	20.00
Hospital ticket	3.00
Examination fee.....	10.00
	<u>\$38.00</u>

Students from other colleges will be required to pay a matriculation fee of five dollars, and an examination fee of twenty-five dollars, in addition to the above.

*To be paid at the close of the term, prior to examination. Students taking two years in another college must pay \$25.00.

The studies taken in this year will be: *Materia Medica*, *Theory and Practice*, *Surgery*, *Obstetrics*, *Gynecology*, *Ophthalmology*, *Pathology*, *Toxicology*, *Medical Jurisprudence*, and attendance on all clinics.

The books required are: *Surgery*, Moulin, Bryant, or Hamilton, Helmuth. *Gynecology*, Southwick, Wood, Thomas, or Skene. *Ophthalmology*, etc., Norton, Angell, or Buffum, on the Eye; Winslow, Houghton, on the Ear; Bosworth or Robinson, on Nose and Throat. *Toxicology*, Reese, or Wormley. *Pathology*, Green. Ziegler. *Medical Jurisprudence*, Wharton and Stille, Beck, Elwell. *Practice*, for references in addition to the text-books recommended in the Junior year, Pepper, Osler, or Stevens' *Manual of Practical Medicine*.

The list of books recommended for the various years is carefully selected, and represents a good working library for the practitioner. While it is not necessary that the student procure more than one on any subject, it will be found a material advantage to the graduate if he possesses all of them.

The plan of work for this year is as follows: *Materia Medica* and *Practice* will be taught as already given in the Junior year. The same applies to *Obstetrics*.

OPHTHALMOLOGY AND OTOTOLOGY.

Instruction in diseases of the eye and ear will be both didactic and clinical. Special stress is laid upon the diagnosis and treatment of those diseases which will most often present themselves in the work of the general practitioner. The didactic teaching is illustrated by models and drawings. The clinics are large and varied, opportunity being thus given to examine and treat the cases presented, thus giving familiarity with every form of disease in this branch of medicine. Each student is expected to become accustomed to the use of the ophthalmoscope, and other instruments used in the diagnosis and treatment of cases.

LARYNGOLOGY AND RHINOLOGY.

Instruction is given in Rhinology and Laryngology by weekly lectures and clinics. Students are assigned cases for treatment, and given ample opportunity to become expert in the use of the laryngoscope, rhinoscope, and other instruments employed in the diagnosis and treatment of the various diseases.

TOXICOLOGY.

Instruction in this branch is given by means of weekly lectures, supplemented by quizzes. The general principles are first considered, then the most important of the poisons are treated separately.

Their actions are described, and the methods are shown for detecting them by chemical tests in the excreta, foods and other substances. Especial attention is given to the subject of antidotes.

SURGERY.

The work in Surgery will consist of four lectures a week, with frequent quizzes and recitations, in addition to the clinical, sub-clinical and hospital work to be described elsewhere. The subjects taken up will be largely in the domain of major surgery, and surgical pathology, the principles of the science being carefully discussed, the application of them demonstrated on the cadaver, in the clinics, sub-clinics, and daily hospital work. The student will be required to perform operations on the cadaver, particularly the ligation of arteries in their continuity, amputations, trephining, and tracheotomy. For further information see "clinics."

GYNECOLOGY.

Instruction in this branch is taught by the professors of Obstetrics and Surgery. The system of instruction is partly by lectures, illustrated by wet and dry specimens, models, and diagrams—and partly in the sub-clinics, where methods of examination, and the use of gynecological instruments is practically taught. The amount of clinical material being large and constantly increasing, as well as of great variety, instruction in this most important branch is eminently practical in character.

PATHOLOGY AND BACTERIOLOGY.

The west hall on the second floor of the Medical Building is now the Pathological and Bacteriological Laboratory. Here are all the instruments necessary for the study and demonstration of Pathological Anatomy and Pathological Histology, also the apparatus usually found in a well equipped Bacteriological Laboratory, ample for the cultivation and demonstration of the germs of interest to medical men. Students not only see this work done, but make all the ordinary cultivations and pure cultures themselves, and prepare slides of all the ordinary non-pathogenic and pathogenic microbes.

Three hours a week are devoted to the practical study of morbid anatomy. The work consists of laboratory exercises, the aim being to make this study as practical as possible, and to familiarize the student with the use of the microscope in diagnosis. Part of the time in the laboratory is devoted to the study of prepared specimens, under the guidance of the instructor, and the remainder to the mounting of pathological specimens by the student himself. An abundance of material is furnished by the laboratory, and each student is allowed to keep as his own property all the sections prepared by him during the term. Special attention is paid to the diagnosis

of tumors, trichinæ, etc., microscopically, and the student learns easy and rapid methods of making preparations for such diagnosis. Two hours a week are used for lectures supplementary, as well as introductory to the laboratory work.

MEDICAL JURISPRUDENCE.

Instruction in Medical Jurisprudence is given by the Faculty of the Law Department, the time to be announced during the term.

INSANITY.

Lectures on Alienism and kindred topics are given toward the close of the term, the dates announced during the year.

The number of hours occupied in this year are twenty-four each week; five to seven hours are devoted to clinical work, three to laboratory; the remainder to lectures and recitations.

Classes in Materia Medica, Practice, Minor Surgery, Pharmacology, Obstetrics, Surgical Emergencies, Surgery, Gynecology, Eye and Ear, and Pædology are in the lecture or amphitheatre room of the Homœopathic Hospital, in which rooms also, all the clinics are held, Physiology, and Insanity are taught in the amphitheatre of the Medical Department. Pathology, Histology, Chemistry, and Toxicology are taught in the appropriate laboratories. Medical Jurisprudence is taught in the lecture room of the Law Department.

CLINICS.

The clinics of this Department are open to students of all the classes, but attendance is not obligatory in the Freshman year. All the clinics are full, in some of them the capacity of the Hospital has been severely taxed, notwithstanding a considerable increase in accommodations through the generous aid of the *Hahnemann Association of Iowa*. The general arrangement and clinical system are as follow: The House Surgeon at the commencement of the term details three students from the Senior class as clinical assistants. One of these retires after one weeks service, one after two weeks, and the remaining one after three weeks. One student a week is detailed thereafter so that each Senior student has three consecutive weeks of clinical work. The duties are to assist at all clinics, taking the different duties in rotation, and attend to all dressings in the Hospital, under the supervision of the House Surgeon. This gives unusual facilities for practical instruction. In the Medical clinics each member of the Senior class will be given repeated opportunities for examination of patients and will be required to diagnose the disease and suggest method of treatment. The clinics are largely patronized, the number of cases and the variety being fully

equal to the college clinics in the larger cities. During the past year the operative cases in the Surgical and Eye and Ear Departments gave an average of four for each clinic, quite as many as can be utilized. The clinics are held as follows:

Medical Clinic—Thursday afternoon, service of Professor DICKINSON.

Surgical Clinic—Friday afternoon, service of Professor GILCHRIST.

Eye and Ear Clinic—Tuesday afternoon, service of Professor NEWBERRY.

Gynecological Clinic—By appointment in the sub-clinics, service of Professor GILCHRIST.

Obstetric Clinic—By appointment, service of Professor COGSWELL.

The sub-clinics are held two or more times a week, to which sections of the Senior class are admitted, where opportunity is afforded all to make examinations in gynecological cases, and use the various instruments of precision for purposes of diagnosis.

Medical and Surgical treatment, and nursing are free for patients entering the general clinics. Board in the Hospital is furnished for \$7.00 a week.

Correspondence with reference to admission to the clinics or Hospital should be had with the professor having charge of the particular clinic, or the Registrar of the Faculty. Arrangements can be made for the reception of a limited number of obstetrical cases, only between the 15th of September and the 15th of February.

In connection with the clinics a dispensary has recently been opened, where the clinical assistants, under the direction of the Faculty, prescribe for and visit out-patients, as well as attend such cases of obstetrics as apply. The dispensary is growing in patronage and influence, so that it will soon become a highly important and profitable portion of the work, acting at once as a "feeder" for the clinics, and giving practical instruction to the attendants.

SCHOOL FOR NURSES.

A training school for nurses has been authorized by the Board of Regents, and a two years' course of practical and theoretic instruction is provided. Pupil nurses are paid at the rate of \$1.50 a week, and furnished board, lodging and laundry. They are directly under the instruction of the Matron and House Surgeon. The instruction given is most thorough and practical, a certificate signed by the President of the University and the Hospital Board being given at the close of the second year. Applications for admission as a pupil nurse, are to be made to the Matron, Adele P. Kimball, M. D., Homœopathic Hospital, Iowa City, Iowa.

HOUSE SURGEON.

In January of each year applications will be received from the Senior Class, for the position of House Surgeon. The appointment will be by competitive examination, conducted in such manner as the Faculty may prescribe, the subjects for examination being previously communicated to the class. Compensation is \$100 for the school year, with board and lodging. The duties of the office commence and close with the college year.

THE HAHNEMANIAN SOCIETY.

This society was established several years ago, and it has been a potent factor in promoting the scholarship of our classes, and in bringing its members into pleasant social relations.

It holds its sessions in the Department building and aims to have two programs a month. All new students will find it to their interest to become active members.

A diploma is awarded by this society to its members who graduate from the Department.

SEMINARIES.

Seminaries in Surgery, Materia Medica, and Ophthalmology have been organized, which are designed to foster original work and investigation. Membership is optional, but the Professors reserve the right to refuse admission to those who are unqualified for the work.

LIBRARIES.

The general library of the University, in which is included the department library, is open to students on all week days, from 8:30 A. M. to 5 P. M. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains about 35,000 volumes and 1,000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students in this department. A cabinet has been provided for this department which contains a number of valuable specimens.

Physicians are invited to send to the Registrar any specimens of healthy, morbid, or comparative anatomy, which will be properly labeled with the name of the donor, and placed in the museum.

GENERAL RULES.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

All fees must be paid at the beginning of the session to the Secretary of the University. William J. Haddock.

In case any student is unable to pay the fees at the proper time, such student may, on application to the Dean of the Department, be granted an extension of time not to exceed thirty days from the opening of the session.

All students who do not pay the proper fees or avail themselves of the provision above mentioned, will be suspended from the Department until such fees are paid.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

BOARD AND ACCOMMODATIONS.

Good board can be obtained at from \$3 to \$5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the Y. M. C. A. Information Bureau.

Students will find themselves provided with the best accommodations in the new Medical building for all lectures had in common with the Medical Department.

The building erected for the State Homœopathic Hospital is conveniently located, and contains pleasant, well-lighted and commodious lecture rooms, in which all the lectures and clinics of the department are held.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this Department, the student must exhibit to the Dean evidence of having pursued the study of medicine for four years; must have attended three courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

In addition to these requirements, candidates must have passed satisfactory examinations in all the branches taught in the department, including Histology, Chemistry, Anatomy, Physiology and Pathology, and must have satisfactorily completed the required courses in the Chemical Laboratory and Practical Anatomy.

The final examinations will be conducted both orally and in writing by the Faculty of the Department. The written examinations will be referred to a board of examiners selected for that purpose from the Homœopathic Physicians of Iowa, and will be subject to their approval or rejection. In case of rejection in any subject the student so rejected shall be required to pass a satisfactory oral examination, in that subject, conducted by the Faculty in the presence of the Board of Examiners.

Class standing, recitation marks, together with demonstrator's reports and final examinations will be taken into consideration when determining the candidate's fitness to receive the medical degree.

Ad Eundem degrees may be granted on the following conditions: The candidate must be a graduate in Medicine from some reputable Medical College, must have practiced medicine not less than five years; must pay the full fees required for the Senior year in this Department, and pass a satisfactory examination in Homœopathic Therapeutics, as related to Surgery, Obstetrics, and Practice.

Honorary Degrees will not be granted under any circumstances.

All Examination fees are to be paid during the first week in February.

For additional information apply to the Registrar or Dean of the Homœopathic Medical Department, Iowa City, Iowa.

ALUMNI ASSOCIATION.

The Alumni Association held its ninth annual meeting at the college building, March 14, 1893, at which time the following officers were elected:

<i>President,</i>	EMMA F. RICHARDSON, M.D.	Cedar Rapids.
<i>First Vice-President,</i>	F. P. MILES, M. D.	West Liberty.
<i>Second Vice-Pres.,</i>	A. C. WOODWARD, M. D.	Decorah, Ia.
<i>Secretary,</i>	R. W. HOMAN, M. D.	Bedford.
<i>Treasurer.</i>	LEORA JOHNSON, M. D.	Iowa City.

EXECUTIVE COMMITTEE.

President, Secretary, Treasurer.

Alumni are urged to send their names to the Secretary, and be enrolled as members. A small admission fee is required, the funds so procured, are to be donated to the Hospital, agreeably to a vote taken at the last meeting. Alumni are requested to keep the Secretary informed of change of address.

SCHEDULE OF Minimum Requirements of all Medical Colleges,

Adopted by the Iowa State Board of Medical Examiners, July 8th,
1886; and Amended May 1st, 1889.

I

CONDITIONS OF ADMISSION TO LECTURE COURSE.

1. Credible certificates of good moral character.
2. Diplomas of graduation from a recognized College, Scientific, or High School, or lacking this, a thorough examination in the branches of a good English education, including Mathematics, English Composition, Elementary Physics, or Natural Philosophy; and Latin prose.

II.

BRANCHES OF MEDICAL SCIENCE TO BE INCLUDED IN THE COURSE.

1. Anatomy.
2. Physiology and Hygiene.
3. Chemistry.
4. Materia Medica and Therapeutics.
5. Theory and Practice of Medicine.
6. Pathology and Pathological Anatomy.
7. Surgery.
8. Obstetrics, and Gynecology.

III.

LENGTH OF REGULAR GRADUATING COURSE.

1. The time occupied in each regular course of medical lectures shall not be less than six months, of twenty-four weeks each.
2. Three full courses of lectures, not more than one of which shall be within the same year of time, shall be required for graduation with the Degree of Doctor of Medicine.

IV.

ATTENDANCE AND EXAMINATIONS, OR QUIZZES.

1. Regular attendance during the entire Lecture Courses shall be required, allowance being made only for absences occasioned by the student's sickness, and such absence not to exceed twenty per centum of the Course.

2. Regular examination or quizzes, to be made by each lecturer or professor daily or at least once each week.

3. Final examination in all branches to be conducted, when practicable, by competent examiners, other than the professors in each branch.

V.

DISSECTION, CLINICS AND HOSPITAL ATTENDANCE.

1. Each student shall have dissected during at least two Courses.

2. Attendance during at least two terms of clinical and hospital instruction shall be required.

VI.

TIME OF PROFESSIONAL STUDIES.

1. After the session or 1890-91 this shall be not less than four years before graduation, including the time spent with a Preceptor and attendance upon lectures, as stated above. (III.)

VII.

INSTRUCTION.

1. The College must show that it has a sufficient and competent corps of instructors, and the necessary facilities for teaching dissection, clinics, etc.

VIII.

GRADUATES TO MATRICULATES.

1. The aggregate graduates of a college shall not exceed forty-five per cent of its aggregate matriculates during the period of five years ending with any session subsequent to the sessions of 1885-6.

All Medical Colleges desiring recognition for their graduates by the Iowa State Board of Medical Examiners, are hereby respectfully notified that the above requirements will be strictly and impartially adhered to and enforced on and after January 1, 1892.

J. F. KENNEDY, M. D.,

Secretary.

J. C. SHRADER, M. D.,

President.

MATRICULANTS.

SENIOR CLASS.

1893-94.

NAME.	PRECEPTOR.	RESIDENCE.
Aschenbrenner, Carl F.	C. J. Loizeaux.	Dysart.
Beaver, Caroline	J. W. Vance.	Madison, Wis.
Cornwell, Adelaide E	A. R. Hill.	Farmer, N. Y.
Everett, Edward J.	A. P. Macomber.	Atlantic.
Homan, Ralph W.	A. W. Fees.	Corning.
Horton, Frank W.	W. H. Horton.	Belmond.
Isom, Francis M.	J. W. Moranville.	Red Cloud. Neb.
Killbourne, Jay M.	H. N. Marvin.	Sioux City.
Kimball, Adele P.	J. G. Gilchrist.	Iowa City.
Rosan, Eleanor W.	J. G. Malcolm.	Chicago, Ill.
Ross, Alice I.	L. N. Busenbark.	Waubeck.
Vandever, Frank L.	F. D. Paul.	Andalusia, Ills.
Vint, George A.	W. D. Vint.	Hindsboro, Ills.
Wilson, John W.	R. M. Parsons.	Grundy Centre.
Woodward, Archie C.	J. C. David.	Moline, Ills.

All of the above received the Degree of Doctor of Medicine, at the Commencement exercises, March 13th, 1894.

The following graduated from the Nurses School, at the same time:

OLIVIA S. LARSON,	Mt. Pleasant, Utah.
GRACE S. STAUFFER,	Lebanon, Penn.

JUNIOR CLASS.

NAME.	PRECEPTOR.	RESIDENCE.
Barlow, Bernice G.	Mary Whiting.	Iowa City.
Bohstedt, Minnie J.	George Royal.	Victor.
Boyer, Howard C.	D. S. Tiffany.	Washington.
Conrad, Albert E.	M. Y. Baker.	Maywood.
Ebersole, Howard C.	T. L. Hazard.	Anamosa.
Fletcher, David A.	H. N. Marvin.	Sioux City.
Gray, Richard H.	W. H. Hubbard.	Marion.
Hayden, Arthur S.	C. B. Adams.	Wall Lake.
Humphrey, Alice M.	C. W. Eaton.	Redfield.

NAME.	PRECEPTOR.	RESIDENCE.
Humphrey, Howard M.	C. M. Morford.	Toledo.
Kennedy, Wm. R.	T. L. Hazard.	Shelburne, Mo.
Mills, Caroline.	W. F. Howe.	Evanston, Wyo.
Moss, Flora C.	E. Stafford.	Oskaloosa.
Newbold, Reuben L.	Geo. Royal.	Centre Point.
Nichols, Frank L.	J. L. Hanchett.	Aurora, Ills.
Seeman, Wm. O.	F. A. Seeman.	Dubuque.
Shaw, Luella Z.	J. G. Gilchrist.	Pella.
Sherman, Edward M.	E. B. Wiley.	Grinnell.
Smith, Mark H.	A. P. Hanchett.	Council Bluffs.
Starcke, Andrew H.	Faculty.	Cincinnati, Ohio.
Woolverton, Ella G.	J. G. Gilchrist.	Iowa City.

FRESHMAN CLASS.

NAME.	PRECEPTOR.	RESIDENCE.
Best, Elmer E.	C. J. Loizeaux.	Mooreville.
Boone, Charles W.	J. H. Tiffany.	Traer.
Brown, Chas. T.	W. A. Hubbard.	Marion.
Brown, Clinton G.	C. A. Beverley.	Ames.
Cochrun, Alfred T.	A. W. Fees.	Lenox.
Coykendahl, Chas. P.	H. A. McChesney.	Ottumwa.
Fulton, John M.	A. P. Macomber.	Atlantic.
Garton, William M.	W. H. Dickinson.	Des Moines.
*Gates, Frank W.	W. A. Hubbard.	Cedar Rapids.
Geiger, Chas. W.	E. M. Miller.	Paxton, Ills.
Gray, Nettie G.	W. A. Hubbard.	Marion.
Hanson, Otto A.	J. Hermann.	Sioux City.
Hoskins, Sam'l B. B. A.	H. N. Marvin.	Sioux City.
Howe, Arthur W.	W. F. Howe.	Potsdam, N. Y.
Hunt, Wm. F.	F. W. Lee.	Osage.
Huntoon, Gardner A.	J. B. Olmstead.	Des Moines.
McBurney, Geo. F.	W. A. Hubbard.	Elmont.
McCartney, Johnson N.	E. C. Hough.	Villisca.
Miller, R. P.	J. H. Sutfin.	Eddyville.
Myrick, Arthur E. B. Ph.	A. L. Pollard.	Anamosa.
Oyler, Norman D.	G. W. Palmer.	Downey.
Shaffer, Wm. E.	C. J. Loizeaux.	Dysart.
†Spofford, Jas. R.	S. H. Hilliard.	Warren, Ills.
Thompson, Belle M.	J. S. Cron.	Traer.
†Wallace, Ida B.	A. P. Hanchett.	Council Bluffs.
Wentch, Geo. F.	R. M. Parsons.	Traer.

*Not full year.

†Partial course.

PRE-MATRICULATE.

NAME.	PRECEPTOR.	RESIDENCE.
Joy, H. J.	Dental Dept. S.U.I.	Newton.
Rose, J. E.	Dental Dept. S.U.I.	Vinton.
Stauffer, Grace S.	J. G. Gilchrist	Iowa City.
Wright, B. E.	Dental Dept. S.U.I.	S. Dakota.

NURSES TRAINING SCHOOL.

SENIORS.

NAME.	RESIDENCE.
Larson, Olivia C.	Mt. Pleasant, Utah.
Stauffer, Grace S.	Lebanon, Penn.

JUNIORS.

NAME.	RESIDENCE.
Smiley, Harriet M.	Angola, Ind.
Wyckoff, Emma M.	Howland, Mo.

THE HOMŒOPATHIC MEDICAL DEPARTMENT.

Three sessions of six months each are required for graduation, when the degree M. D., is conferred, and the graduates are entitled to registration by the State Board of Medical Examiners.

During the year 1893-94 instruction was given by twenty professors and assistants, and the number of students enrolled was sixty-six.

THE DENTAL DEPARTMENT.

The full course requires attendance during three sessions of six months each. On the completion of the course the degree D. D. S., is conferred and the graduates are entitled to registration by the State Board of Dental Examiners.

During the year 1893-94 instruction was given by twenty-two professors and assistants, and the number of students enrolled was one hundred and forty-seven.

THE PHARMACY DEPARTMENT.

The course in this department comprises two sessions of six months. On its completion the degree Ph. G., is conferred upon all candidates who have had three years or more experience in a pharmacy in which prescriptions are compounded. During the year 1893-94 instruction was given by seven professors and assistants, and the number of students enrolled was fifty-two.

The total number of different students in all departments of the University during the year 1893-94 was one thousand and twenty-five.

The University is well supplied with laboratories and apparatus. Among the former may be mentioned the Chemical Laboratory, recently erected at an expense of \$50,000, in which building is also located the Pharmacy Laboratory; the Physical Laboratory, Laboratories for Animal Morphology and Physiology; the Botanical Laboratory; the Psychophysical Laboratory; the Pathological Laboratory; the Engineering Laboratories; the Dental Laboratories.

The Museum of Natural History contains large collections of specimens which are used in the work of instruction in Geology, in Zoology, in Botany, etc.

The Libraries of the University contain over 30,000 volumes.

For further information as to any of the Departments address,

CHARLES A. SCHAEFFER.

President of the University.

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1895/96

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FEB 1 1921

Homœopathic Medical Department
State University of Iowa

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ANNOUNCEMENT

1895 - 96.

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# The State University of Iowa.

## BOARD OF REGENTS.

*His Excellency, FRANK D. JACKSON, Governor  
of the State.*

HENRY SABIN,  
*Superintendent of Public Instruction*

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| ALPHONS MATTHEWS, <i>Dubuque.</i>    | W. R. MONINGER, <i>Galvin.</i>          |
| ALONZO ABERNETHY, <i>Osage.</i>      | ALBERT W. SWALM, <i>Oskaloosa.</i>      |
| CHARLES E. WHITING, <i>Whiting.</i>  | J. D. MCCLEARY, <i>Indianola.</i>       |
| B. F. OSBORN, <i>Rippey.</i>         | J. W. GARNER, <i>Columbus Junction.</i> |
| C. A. STANTON, <i>Centerville.</i>   | F. W. MAHIN, <i>Clinton.</i>            |
| SHIRLEY GILLILLAND, <i>Glenwood.</i> |                                         |

The University as the head of the school system of the state was provided for by a statute enacted by the First General Assembly in February, 1847, in accordance with the constitution of the State adopted in the previous year. As at present organized the University comprises the following departments:

### THE COLLEGIATE DEPARTMENT.

Students are admitted to this department from most of the high schools of the state without examination. The curriculum embraces four general courses of study, the classical, two philosophical, the general scientific; and two technical courses, the course in civil engineering, and the course in electrical engineering.

There is no preparatory school connected with this department. During the year 1894-95 there were thirty-six professors and assistants engaged in the work of instruction in this department, and the number of students enrolled was four hundred and eighty-six.

### LAW DEPARTMENT.

The course in this department extends over two years of nine months each, and on its completion the degree LL. B. is conferred.

During the past year instruction was given by four resident professors, who spend their entire time in that work, and by five lecturers of distinction in the various branches of law.

The number of students enrolled in 1894-95 was two hundred and fourteen.

### THE MEDICAL DEPARTMENT.

The course in this department requires four sessions of six months each, and on its completion the graduates receive the degree M. D., and are entitled to registration by the State Board of Medical Examiners.

During the year 1894-95 instruction was given by twenty-one professors and assistants, and the number of students enrolled was one hundred and ninety-two.

*(Continued on page 3 of cover).*

.....IOWA,.....189.....

TO THE FACULTY OF THE HOMOEOPATHIC MEDICAL DEPARTMENT,  
OF THE STATE UNIVERSITY OF IOWA.



The Bearer, Mr.....

(Give name in full.)

....., has studied

Medicine in my office for .....

.....months, and has read the following:

.....

I recommend him as a suitable person for Matriculation, and well prepared to pursue intelligently the study of Medicine.

.....M. D.





HOMŒOPATHIC DEP'T.



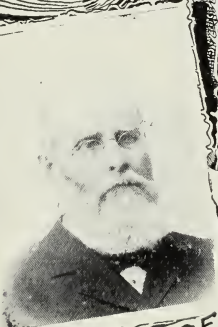
GILCHRIST



NEWBERRY



ROYAL

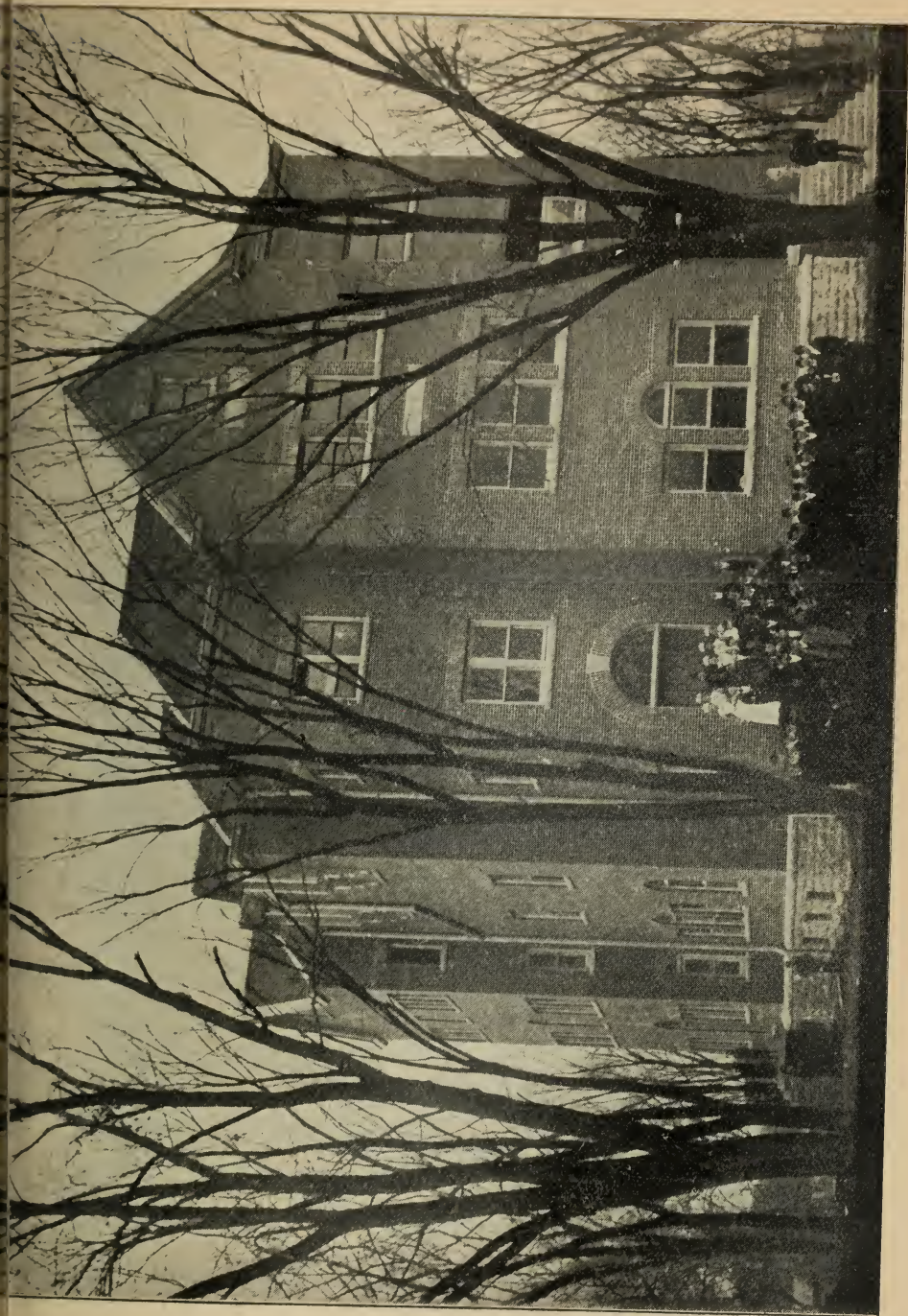


DICKINSETT



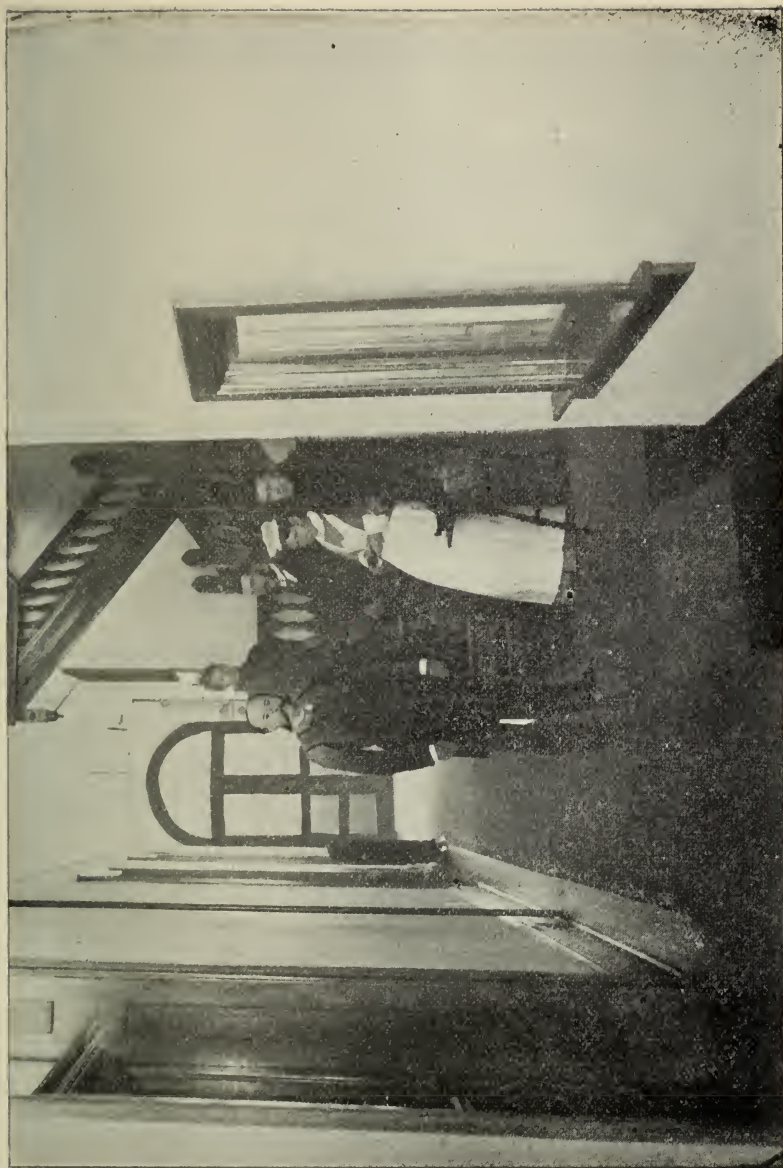
COGSWELL

CHICAGO PHOTO LITHO  
C.H.



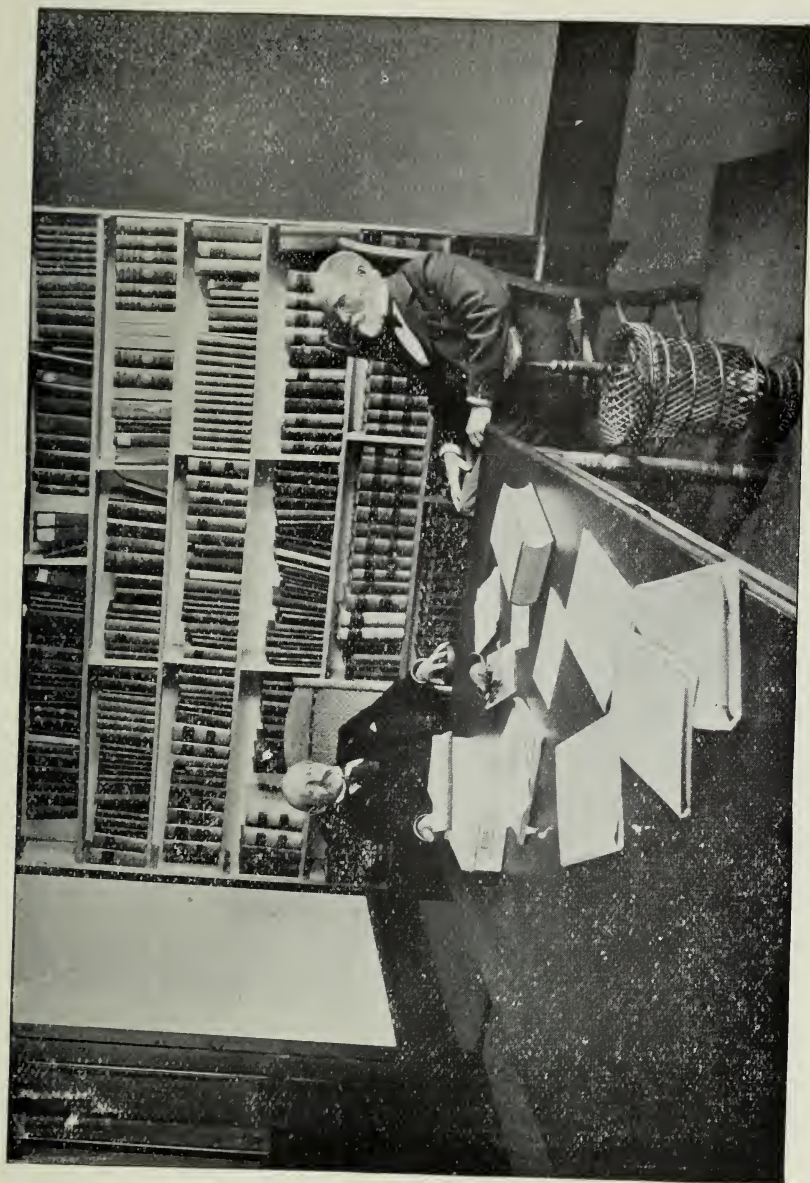
HOMŒOPATHIC MEDICAL BUILDING.





CORRIDOR.





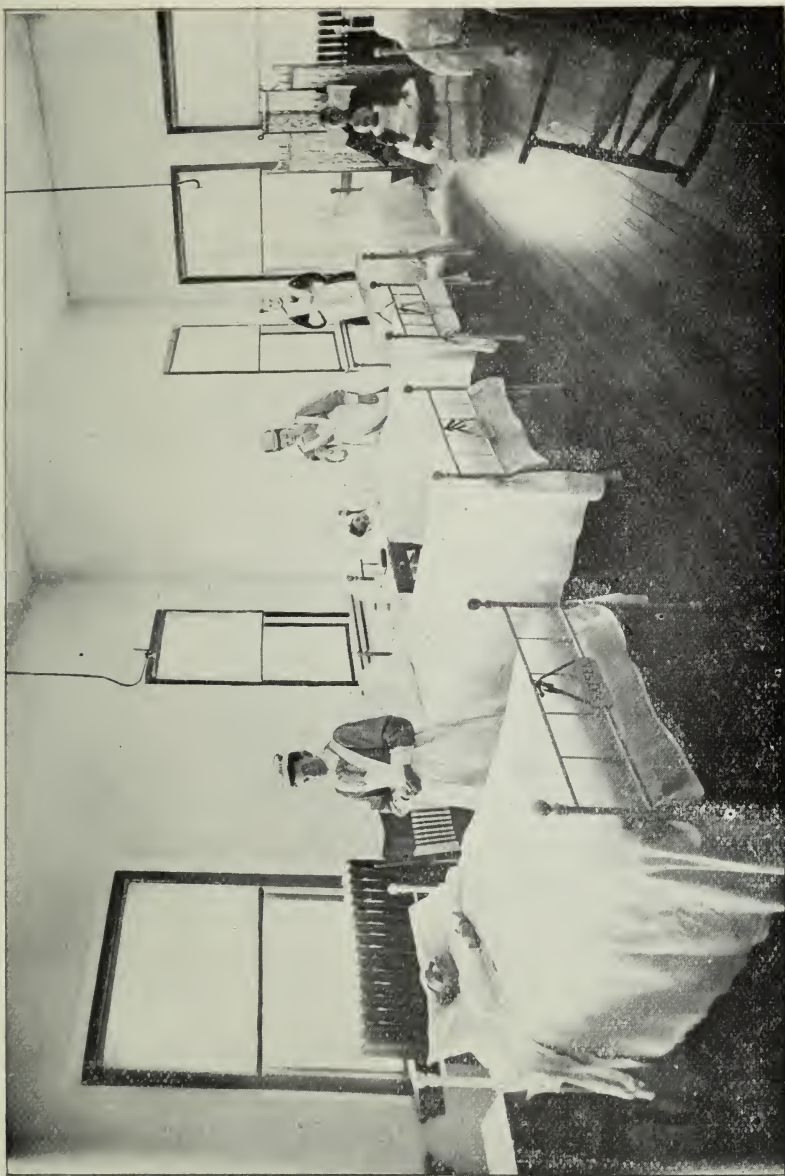
FACULTY ROOM.





LOWER LECTURE ROOM.





WARD NO. 2.





PRIVATE ROOM.





STUDENTS' READING ROOM.



NINETEENTH ANNUAL ANNOUNCEMENT

OF THE

Homœopathic Medical Department

OF THE

State University of Iowa

IOWA CITY, IOWA

1895-96

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PUBLISHED BY THE UNIVERSITY

1895

# HOMŒOPATHIC MEDICAL DEPARTMENT.

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## FACULTY.

---

CHARLES A. SCHAEFFER, A. M., PH. D., LL. D.,

*President.*

WILMOT H. DICKINSON, M. D.,

*Professor of Theory and Practice, and Clinical Medicine.  
Dean of the Faculty.*

JAMES G. GILCHRIST, A. M., M. D.,

*Professor of Surgery and Surgical Gynecology.  
Registrar of the Faculty.*

CHARLES H. COGSWELL, M. D.,

*Professor of Obstetrics and Diseases of Women.*

FRANK J. NEWBERRY, M. D., O. et A. Chir.,

*Professor of Ophthalmology, Otology and Pædology.*

GEORGE ROYAL, M. D.,

*Professor of Materia Medica and Therapeutics.*

D. W. DICKINSON, M. D.,

*Assistant to the Chair of Theory and Practice.*

THEODORE L. HAZARD, M. D.,

*Assistant to the Chair of Materia Medica.*

FRANKLIN P. MILES, M. D.,

*Assistant to the Chair of Surgery.*

RALPH W. HOMAN, M. D.,

*Assistant to the Chair of Ophthalmology, &c.*

WM. O. SEEMANN, M. D.,

*House Surgeon..*

ADELE P. KIMBALL, M. D.,

*Matron.*

## Additional Instructors.

---

### MEDICAL DEPARTMENT.

---

WOODS HUTCHINSON, A. M., M. D.,

*Professor of Anatomy.*

JAMES R. GUIHRIE, A. M., M. D.,

*Professor of Physiology.*

GERSHOM H. HILL, A. M., M. D.,

*(Superintendent of the Hospital for the Insane at Independence),  
Lecturer on Insanity.*

ELBERT W. ROCKWOOD, A. M.,

*Professor of Chemistry and Toxicology.*

WALTER L. BIERRING, M. D.,

*Professor of Normal and Pathological Histology.*

JOHN W. HARRIMAN, M. D.,

*Demonstrator of Anatomy.*

LEE WALLACE DEAN, B. S.,

*Demonstrator of Normal Histology.*

WILLIAM R. WHITEIS, B. S., M. D.,

*Demonstrator of Pathological Histology.*

W. E. BARLOW, A. B.,

*Demonstrator of Chemistry.*

CARL LEOPOLD ENDE, M. S.,

*Assistant in Chemistry.*

---

### LAW DEPARTMENT.

---

EMLIN MCCLAIN, A. M., LL. D.,

*Lecturer on Medical Jurisprudence.*

---

### EXAMINERS.

A. P. HANCHETT, M. D., *Council Bluffs.*

W. BANCROFT, M. D., *Keokuk.*

P. E. TRIEM, M. D., *Manchester.*

# Homœopathic Medical Department.

The nineteenth annual course of instruction will commence on Wednesday, September 18th, 1895, and close on Tuesday, March 10th, 1896.

The work of the Department has been very materially changed and enlarged, in accordance with the requirements of the Inter-Collegiate Association, and the State Board of Medical Examiners. Those who matriculated in 1894 will be permitted to graduate under the conditions in force at the time of their matriculation. Commencing with the Freshman class entering in 1895, however, the course of study will cover five years, one of which will be pre-matriculate, under a preceptor, and four undergraduate. The classes are, for the most part, instructed separately, the student being required to attain a certain standing before passing into a higher class.

## THE PLAN OF WORK

In the five years is given more particularly in the following pages, together with the qualifications for admission into the several classes. Men and women are admitted on absolutely equal terms, no distinction whatever being made between them. They attend all classes in common, and are called upon to do equal work in all particulars. For the first time in its history, the Department is now provided with a comfortable and commodious building, with the Hospital under the same roof. The illustrations accompanying this Announcement will show that little more can be asked in the way of facilities for carrying on the work.

## PRE-MATRICULATE REQUIREMENTS.

Students should not be less than eighteen years of age. They should select as a preceptor a reputable practitioner of medicine, a graduate of an accredited school. They should read, under the guidance and instruction of the preceptor, Elementary Chemistry, Physics, and Biology, as well as Anatomy, Physiology, and Medical Institutes, particularly the *Organon of Hahnemann*. Beyond this they need not go, unless graduates in letters or science, when they would find profit in a careful reading of *Grauvogl's Text Book of Homœopathy*, and *Ziegler's Pathogenesis, and Pathological Anatomy*.

Beginning with the session 1896-7, the requirements for admission will be the same as to the Freshman year of the Collegiate Department of the University, provided that one year of Latin be included

## FRESHMAN YEAR.

Students must apply for registration in person, at the office of the Registrar of the Faculty, in the College building, a day or two before the opening of the term. They must present a certificate from their preceptor, showing that they have read medicine for one year, and stating specifically what the studies have been. The certificate attached to this Announcement is to be used for this purpose. Applicants for registration, who have degrees in Science or Art, who have passed the Sophomore year in a reputable college, or have first class teacher's certificates, are admitted without preliminary examination. All others will be required to submit to an examination in English scholarship and Latin by a committee of the Faculty, as is shown more particularly in the *Schedule of Requirements*, ordered by the State Board of Medical Examiners, printed on another page. Should the applicant be a graduate from some collegiate institution recognized by the University as having an adequate curriculum, and have passed in Chemistry, Physics, Biology, or Physiology, he may become a pupil of the Faculty, and the pre-matriculate requirements, as to preceptor, will be waived.

The fees for this course will be paid to the Secretary of the University, and to him only, at the commencement of the term, for which he will issue a single ticket.

The fees for this year are as follows:

|                              |         |
|------------------------------|---------|
| Matriculation.....           | \$ 5.00 |
| Lecture ticket.....          | 20.00   |
| Hospital ticket.....         | 3.00    |
| Demonstrator's ticket.....   | 10.00   |
| Histological laboratory..... | 5.00    |
| Chemical laboratory.....     | 5.00    |
| *Breakage deposit.....       | 3.00    |
| †Examination fee.....        | 5.00    |
|                              | <hr/>   |
|                              | \$56.00 |

The studies in this year are Chemistry, Anatomy, Physiology, Pharmacology and Institutes, Materia Medica, and Normal Histology. Attendance at clinics is desirable but not obligatory.

The books recommended for this year, are as follows: *Anatomy*, Gray; *Physiology*, Dalton, Forster; *Histology*, Klein; *Chemistry*, Simon, or Roscoe and Schorlemmer, Andrews' Analytical. Hahnemann's Organon, and Dewey's Essentials of Homœopathic Materia Medica.

\*To be refunded at the close of the course, less charges for breakage.

†Paid before the examination, at the close of the term.

The plan of work is as follows:

#### ANATOMY.

The lectures in Anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver. Weekly quizzes are held by a member of the Faculty of this Department, or under his supervision, the markings assisting in fixing the standing of the student.

#### PRACTICAL ANATOMY.

Satisfactory dissection of one part is made a condition of advancement to the Sophomore class. The dissecting room is large, commodious, and facilities for profitable work are ample. The Demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

#### PHYSIOLOGY.

In this subject the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and black-board figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Quizzes are held weekly by a member of the Faculty of this Department, or under his supervision, and, as in the case of anatomy, the markings assist in determining class-standing.

#### MATERIA MEDICA, INSTITUTES AND PHARMACOLOGY.

The Assistant to the chair of Materia Medica, will give one lecture a week, in the first half of the year, on the Institutes of Homœopathy. In the last half Pharmacology will be taught in the same manner, particular reference being made to the preparation of drugs as used in Homœopathic practice, as well as to the manner of preservation and dispensing. Every effort will be made to give the students thorough instruction in these important topics. There will be one quiz, each week, on Materia Medica in addition to the above,

and an examination on Institutes and the Organon at the close of the term.

#### OPHTHALMOLOGY, OTOTOLOGY AND LARYNGOLOGY.

Opportunity will be given during the Sophomore year to attend the clinics of this chair where especial demonstrations will be given upon the clinical material present, of the Anatomy, Physiology and Hygiene of the various organs.

#### HISTOLOGY.

One lecture a week will be given, many of them being illustrated by means of the stereopticon. Two hours each week are devoted to laboratory work, in the new histological laboratory, which is commodious, well-lighted, and supplied with thirty-six new compound microscopes, with all necessary accessories, dissecting microscopes, microtomes of various kinds, injecting apparatus, turn-tables, etc.

Each student is furnished a microscope, reagents and apparatus, is taught the use of the microscope, and does, or has demonstrated before him, the general technique of the subject of histology, hardening, embedding, sectioning, staining, mounting, etc.

Histological injections are made before the class. During the term the student prepares for himself a series of slides, illustrating the ultimate distribution of the blood, and cellular structure of normal tissues and organs.

#### CHEMISTRY.

The course in chemistry consists of lectures and laboratory work. The lectures treat first of the general principles of the science; then the subjects of interest to the student of medicine are discussed. Especial attention is paid to the compounds found in the body, with their functions and chemical changes. Medicinal and poisonous substances, and such as are used in practical work are also considered.

In the laboratory the student begins with tests for the metals, particularly the poisonous ones, and passes to the analysis of complex substances. He learns methods of manipulation, and becomes acquainted with the properties and actions of reagents. In the latter part of the course, urine is studied; quantitative and qualitative tests are made for its pathological constituents, and such normal ones as are of importance to the physician.

The course includes the methods for the sanitary examination of water, and those employed in quantitative analysis.

## MATERIA MEDICA.

During this year there will be one quiz each week, on Materia Medica, using Dewey's *Essentials*, as a text-book.

A record of attendance, and standing will be kept, but no examination will be held on this topic.

Students are advised to attend all the lectures on Materia Medica that time will permit, but will not be expected to recite.

This programme gives 27 hours a week for class work, exclusive of clinics and Practical Anatomy, which would add 12 hours for a portion of the time. Of this ten hours are devoted to laboratory work, three to five to clinical, three to recitations, and the remainder to lectures.

At the close of the year final examinations are held in Chemistry Histology, Osteology, Physiology to digestion, and Institutes, which if successfully passed will carry the student to the Sophomore class. In the event of failure to pass any *one* of these examinations the student may enter the higher class, conditioned upon completing his standing at or before the close of the Sophomore year. A failure in *two* (or more) studies will stop further advancement until the conditions are satisfied.

## SOPHOMORE YEAR.

Admission to the second, or Sophomore class, is regularly secured by passing from the Freshman class, the evidence being the ticket of the Dean, and the record of the student; but students who have taken the first year's work in other colleges, provided the curriculum is fully up to the standard of the various State Medical Boards, and the Inter-Collegiate Association, will be admitted to this class upon presentation of satisfactory evidence.

The fees for this year are as follows, and must be paid to the Secretary of the University, and to him only, at the commencement of the term, for which he will issue a single ticket:

|                              |         |
|------------------------------|---------|
| Physiological Chemistry..... | \$ 5.00 |
| Lecture fee.....             | 20.00   |
| Anatomy ticket.....          | 10.00   |
| Hospital ticket.....         | 3.00    |
| *Examination fee.....        | 10.00   |
|                              | <hr/>   |
|                              | \$48.00 |

Students from other colleges will be required to pay a matriculation fee of five dollars, and examination fee of fifteen dollars.

\*To be paid at the close of the term, prior to examination.

The studies taken this year will be: Anatomy, Physiology, General Pathology, Physiological Chemistry, Materia Medica, Practice, and Minor Surgery; also attendance at all clinics.

The books recommended are as follows. *Anatomy* and *Physiology*, as in the Freshman year. *Practice*, Dickinson, Arndt's System of Medicine; Raue, Special Pathology. *Surgery*, Gilchrist's, Sargent's, or Martin's Essentials. *Materia Medica*, Farrington, Clinical Materia Medica; Cowperthwaite. *Physiological Chemistry*, Pellow; Purdy on Urinalysis.

The plan of work is as follows: Anatomy and Physiology the same as in the Freshman Year, final examination, however, will be held at the close of the year, by a member of the Faculty of this Department. Practical Anatomy is also completed, the examination to be conducted by the Demonstrator of Anatomy.

#### MATERIA MEDICA.

There will be three lectures a week, on this fundamental branch, with occasional recitations and special quizzes. The remedies are divided into two groups, one of which will be discussed one year, the other the next. A brief review of the toxicological and physiological effect of the drug will first be given, then the characteristics and most prominent symptoms. Especial attention will be given to the grouping of these symptoms, for therapeutic purposes, and comparing them with a similar group of other drugs which may be useful for the same disease.

#### THEORY AND PRACTICE.

General and special Pathology will be taught, according to the latest investigations into the ætiology and nature of the disease. It will be the aim of the occupant of this chair, to only teach that which has secured the sanction of competent observers, and which has been confirmed by abundant clinical experience. In teaching the relation of drug pathogenesis to semeiology, the well-established principles of Homœopathic Therapeutics will be closely and consistently followed. Two lectures a week will be given to the Sophomore class. Clinics will be for all classes, but attendance by the Freshman class will be optional.

The teaching is both didactic and clinical. The lecture room being under the same roof with the hospital, furnishes admirable opportunities for bed-side instruction. The lectures will be illustrated by diagrams, wax and *papier-mache* models, and pathological specimens from the museum of the College in order to enhance their usefulness. No efforts will be spared to prepare the student to become a successful practitioner.

## OPHTHALMOLOGY, OTOTOLOGY AND LARYNGOLOGY.

While attendance upon didactic lectures and recitations will not be required, opportunity will be given to attend the weekly clinics where the anatomy of the various organs will be especially demonstrated for the benefit of the students in this year.

## MINOR SURGERY.

One lecture, and demonstration, will be given each week, on all topics falling under this head, including bandaging, care of instruments, surgical dressings, and minor operations.

## PHYSIOLOGICAL CHEMISTRY.

The lectures are in explanation and amplification of the laboratory work. The latter includes the study of the proximate principles of the body, and of their chemical changes. Artificial digestive experiments are made, their products being isolated and tested. The constituents of the blood are tested, together with the methods for identification of stains. The qualitative tests for the abnormal constituents of the urine follow, and the quantitative determination of such as are of importance. The course is completed by the identification of urinary sediments and calculi; and the analysis of various pathological specimens of urine.

The number of hours occupied each week is twenty-six. From three to five is given to clinical work, the remainder to lectures and laboratory work. During a portion of the time, ranging from three to four weeks, 12 hours additional is given to Practical Anatomy.

At the close of the year examinations will be held in Anatomy, Physiology, Physiological Chemistry, and Minor Surgery which if successful, passes the student to the Junior year. A failure in any one of these subjects, imposes a condition on the student, which must be satisfied before the close of the Junior year. A failure in two or more studies stops advancement, the student being required to complete this year's work the following year, when, if he fails again, he will be dropped.

## JUNIOR YEAR.

Admission to the Junior year, is gained by passing the required examinations in the Sophomore year, which fact is certified by the ticket of the Dean. Students coming from other colleges, recognized by the State Boards and Inter-Collegiate Association, who have proper credentials, showing that they have pursued the required curriculum, and passed successfully the necessary examinations, may be admitted to this class, in the discretion of the Faculty.

The fees are to be paid at the commencement of the term to the Secretary of the University, and to him only, for which he will issue a single ticket.

|                               |         |
|-------------------------------|---------|
| Pathological laboratory ..... | \$ 5.00 |
| Lecture fees .....            | 20.00   |
| Hospital ticket .....         | 3.00    |
| *Examination fee .....        | 10.00   |
|                               | <hr/>   |
|                               | \$38.00 |

Students from other colleges will be required to pay a matriculation fee of five dollars, and an examination fee of twenty dollars, in addition to the above.

The studies taken in this year will be: *Materia Medica*, Theory and Practice, Surgical Emergencies, Obstetrics, Ophthalmology, Pathology, Bacteriology, Toxicology, Applied Anatomy, and Physiology, and attendance on all clinics.

The books required are: *Surgery*, Homœopathic Text Book of Surgery, Gilchrist's Syllabus, Helmuth. *Ophthalmology*, etc., Norton, Angell, or Buffum, on the Eye; Winslow, Houghton, Burnett on the Ear; Ivins, or Brown, on Nose and Throat. *Toxicology*, Reese, or Wormley. *Pathology*, Green, Ziegler. *Practice*, Goodno Arndt and Raue's Special Pathology for references; in addition to the text-books recommended in the Sophomore year, Pepper, Osler, or Stevens' Manual of Practical Medicine. *Obstetrics*, Guernsey Croserio and Lusk.

The list of books recommended for the various years is carefully selected, and represents a good working library for the practitioner. While it is not necessary that the student procure more than one on any subject it will be found a material advantage to the graduate if he possesses all of them.

The plan of work for this year is as follows: Practice and *Materia Medica* will be taught as already given in the Sophomore year.

#### OPHTHALMOLOGY AND OTOTOLOGY.

Instruction in diseases of the eye and ear will be both didactic and clinical. Special stress is laid upon the diagnosis and treatment of those diseases which will most often present themselves in the work of the general practitioner. The didactic teaching is illustrated by models and drawings. The clinics are large and varied, opportunity being thus given to examine and treat the cases pre-

\*To be paid at the close of the term, prior to examination. Students taking two years in another college must pay \$25.00.

sented, thus giving familiarity with every form of disease in this branch of medicine. Each student is expected to become accustomed to the use of the ophthalmoscope, and other instruments used, in the diagnosis and treatment of cases.

#### LARYNGOLOGY AND RHINOLOGY.

Instruction is given in Rhinology and Laryngology by weekly lectures and clinics. Students are assigned cases for treatment, and given ample opportunity to become expert in the use of the laryngoscope, rhinoscope, and other instruments employed in the diagnosis and treatment of the various diseases.

#### TOXICOLOGY.

Instruction in this branch is given by means of weekly lectures, supplemented by quizzes. The general principles are first considered, then the most important of the poisons are treated separately.

#### OBSTETRICS.

The plan of instruction in this branch, will be the usual didactic method supplemented by demonstrations with wet and dry preparations, models and diagrams; together with clinical practice whenever possible. Two lectures a week are given, with occasional quizzes and recitations. The scheme is designed to carry the student forward, after thorough instruction in the anatomy of the pelvis and generative apparatus, through ovulation, menstruation, gestation, and normal labor, with the various abnormalities of the lying-in period. The use of obstetric instruments is taught on the manikin, and every care taken to thoroughly prepare the students for dealing with complications. Dystochia, and all forms of abnormal gestation and labor are given in the closing portion of the course. The central idea is to give the practical preference over the merely theoretical.

#### SURGICAL EMERGENCIES.

The work of this year in Surgery, will consist of two lectures a week throughout the year, with frequent quizzes and recitations, taking up the subjects included in what is called "Acute Surgery." As this is a branch of practice that all practitioners should be prepared to exercise, no pains will be spared to impart instruction. Anesthesia, wounds, hemorrhage, shock, fractures and dislocations will be among the topics discussed. Illustrations on the cadaver, as well as the living subject, will form an essential feature in this course.

## PATHOLOGY AND BACTERIOLOGY.

The west hall on the second floor of the Medical Building is now the Pathological and Bacteriological Laboratory. Here are all the instruments necessary for the study and demonstration of Pathological Anatomy and Pathological Histology, also the apparatus usually found in a well equipped Bacteriological Laboratory, ample for the cultivation and demonstration of the germs of interest to medical men. Students not only see this work done, but make all the ordinary cultivations and pure cultures themselves, and prepare slides of all the ordinary non-pathogenic and pathogenic microbes.

Three hours a week are devoted to the practical study of morbid anatomy. The work consists of laboratory exercises, the aim being to make this study as practical as possible, and to familiarize the student with the use of the microscope in diagnosis. Part of the time in the laboratory is devoted to the study of prepared specimens under the guidance of the instructor, and the remainder to the mounting of pathological specimens by the student himself. An abundance of material is furnished by the laboratory, and each student is allowed to keep as his own property all the sections prepared by him during the term. Special attention is paid to the diagnosis of tumors, trichinæ, etc., microscopically, and the student learns easy and rapid methods of making preparations for such diagnosis. Two hours a week are used for lectures, supplementary as well as introductory to the laboratory work.

## PÆDOLOGY.

One lecture or recitation a week is given on the diseases of children, supplementing the course on Theory and Practice. The subjects taken up are consequently the diseases of infancy, as well as early childhood, and while largely treated by the didactic method, clinical demonstrations are used whenever possible.—Text Books—Tooker, Duncan or Smith.

At the close of the term final examinations are taken in Bacteriology, Surgical Emergencies, Applied Anatomy and Physiology, which, being successful, will pass the student to the Senior class, the evidence being the ticket issued by the Dean. A failure in any one study will impose a condition, to be satisfied before the close of the Senior year. A failure to pass a second examination will stop advancement. A failure in two studies, will make it necessary to repeat the year's work before admission to a higher class.

## SENIOR YEAR.

Admission to the Senior year is gained by successfully passing all the examinations in the preceding year, certified by the Dean in

a ticket issued by him. Students coming from other colleges, recognized by the various State Boards, and Inter-collegiate association, by giving evidence that they have pursued the required curriculum, and passed successfully the necessary examinations, may be admitted to this class, in the discretion of the Faculty.

The fees are to be paid at the commencement of the term to the Secretary of the University, and to him only, for which he will issue a single ticket.

|                               |         |
|-------------------------------|---------|
| Pathological laboratory ..... | \$ 5.00 |
| Lecture fees .....            | 20.00   |
| Hospital ticket .....         | 3.00    |
| *Examination fee .....        | 10.00   |
|                               | <hr/>   |
|                               | \$38.00 |

Students from other colleges will be required to pay a matriculation fee of five dollars, and an examination fee of twenty-five dollars, in addition to the above.

The studies taken this year will be: *Materia Medica*, *Theory and Practice*, *Surgery*, *Obstetrics*, *Gynæcology*, *Ophthalmology*, *Special Pathology*, *Medical Jurisprudence*, *Dentistry*, *Insanity*, and attendance on all clinics.

The books required are as in the Junior year, in all departments, with the addition of *Obstetric Surgery*, by Grandin and Jarman.

The plan of work will be as follows:

*Materia Medica*, *Practice*, *Obstetrics*, *Ophthalmology*, *Otology*, *Laryngology*, and *Rhinology*, will be continued, with the exception that the work will be less didactic, and more in the nature of recitations with such actual clinical practice as can be made available, students being required to treat cases assigned to them.

#### SURGERY.

The work in *Surgery* will consist of four lectures a week, with frequent quizzes and recitations, in addition to the clinical, sub-clinical and hospital work to be described elsewhere. The subjects taken up will be largely in the domain of major surgery, and surgical pathology, the principles of the science being carefully discussed, the application of them demonstrated on the cadaver, in the clinics, sub-clinics, and daily hospital work. The student will be required to perform operations on the cadaver, particularly the ligature of

\*To be paid at the close of the term, prior to examination. Students taking two years in another college must pay \$25.00.

arteries in their continuity, amputations, trephining, and tracheotomy. For further information see "clinics."

Medical Jurisprudence, Insanity, and Dentistry, will be treated in short courses of lectures, given by appointment.

The number of hours occupied in this year are twenty-four each week; five to seven hours are devoted to clinical work, three to laboratory; the remainder to lectures and recitations.

Classes in Materia Medica, Practice, Minor Surgery, Pharmacology, Obstetrics, Surgical Emergencies, Surgery, Gynecology, Eye and Ear, and Pædology are in the lecture or amphitheatre room of the Homœopathic Hospital, in which rooms also, all the clinics are held. Physiology, and Insanity are taught in the amphitheatre of the Medical Department. Pathology, Histology, Chemistry, and Toxicology are taught in the appropriate laboratories. Medical Jurisprudence is taught in the lecture room of the Law Department.

### CLINICS.

The clinics of this Department are open to students of all the classes, but the attendance is not obligatory in the Freshman year. All the clinics are full, in some of them the capacity of the Hospital has been severely taxed. The general arrangement and clinical system are as follows: The House Surgeon at the Commencement of the term details three students from the Senior class as clinical assistants. One of these retires after one weeks service, one after two weeks, and the remaining one after three weeks. One student a week is detailed thereafter so that each Senior student has three consecutive weeks of clinical work. The duties are to assist at all clinics, taking the different duties in rotation, and attend to all dressings in the Hospital, under the supervision of the House Surgeon. This gives unusual facilities for practical instruction. In the Medical clinics each member of the Senior class will be given repeated opportunities for examination of patients and will be required to diagnose the disease and suggest method of treatment. The clinics are largely patronized, the number of cases and the variety being fully equal to the college clinics in the larger cities. During the past year the operative cases in the Surgical and Eye and Ear Departments gave an average of four for each clinics, quite as many as can be utilized. The clinics are held as follows:

*Medical Clinic*—Thursday afternoon, service of Professor DICKINSON.

*Surgical Clinic*—Friday afternoon, service of Professor GILCHRIST.

*Eye and Ear Clinic*—Tuesday afternoon, service of Professor NEWBERRY.

*Gynecological Clinic*—By appointment in the sub-clinics, service of Professor GILCHRIST.

*Obstetric Clinic*—By appointment, service of Professor COGSWELL.

The sub-clinics are held two or more times a week, to which sections of the Senior class are admitted, where opportunity is afforded all to make examinations in gynecological cases, and use the various instruments of precision for purposes of diagnosis.

Medical and Surgical treatment, and nursing are free for patients entering the general clinics. Board in the Hospital is furnished for \$7.00 a week.

Correspondence with reference to admission to the clinics or Hospital should be had with the professor having charge of the particular clinic, or the Registrar of the Faculty. Arrangements can be made for the reception of a limited number of obstetrical cases, only between the 15th of September and the 15th of February.

In connection with the clinics a dispensary has recently been opened, where the clinical assistants, under the direction of the Faculty, prescribe for and visit out-patients, as well as attend such cases of obstetrics as apply. The dispensary is growing in patronage and influence, so that it will soon become a highly important and profitable portion of the work, acting at once as a "feeder" for the clinics, and giving practical instruction to the attendants.

#### SCHOOL FOR NURSES.

A training school for nurses has been authorized by the Board of Regents, and a two years' course of practical and theoretic instruction is provided. Pupil nurses are paid at the rate of \$1.50 a week, and furnished board, lodging and laundry. They are directly under the instruction of the Matron and House Surgeon. The instruction given is most thorough and practical, a certificate signed by the President of the University and the Hospital Board being given at the close of the second year. Applications for admission as a pupil nurse, are to be made to the Matron, Adele P. Kimball, M. D., Homœopathic Hospital, Iowa City, Iowa.

#### GENERAL RULES.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

*All fees must be paid at the beginning of the session to the Secretary of the University, William J. Haddock.*

In case any student is unable to pay the fees at the proper time, such student may, on application to the Dean of the Department, be granted an extension of time not to exceed thirty days from the opening of the session.

All students who do not pay the proper fees or avail themselves of the provision above mentioned, will be suspended from the Department until such fees are paid.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

#### BOARD AND ACCOMMODATIONS.

Good board can be obtained at from \$3 to \$5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the Y. M. C. A. Information Bureau.

Students will find themselves provided with the best accommodation in the Medical building for all lectures had in common with the Medical Department.

The building erected for the State Homœopathic Hospital is conveniently located, and contains pleasant, well-lighted and commodious lecture rooms, in which all the lectures and clinics of the department are held.

#### REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this Department, the student must exhibit to the Dean evidence of having pursued the study of medicine for five years; must have attended four courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

## Alumni Association.

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The Alumni Association held its ninth annual meeting at the college building, March 14, 1895, at which time the following officers were elected:

|                              |                           |               |
|------------------------------|---------------------------|---------------|
| <i>President,</i>            | EMMA F. RICHARDSON, M. D. | Cedar Rapids. |
| <i>First Vice-President,</i> | R. H. GRAY, M. D.         | Victor.       |
| <i>Second Vice-Pres.,</i>    | ADELE P. KIMBALL, M. D.   | Iowa City.    |
| <i>Secretary,</i>            | R. W. HOMAN, M. D.        | Iowa City.    |
| <i>Treasurer,</i>            | LEORA JOHNSON, M. D.      | Iowa City.    |

### EXECUTIVE COMMITTEE.

President, Secretary, Treasurer.

Alumni are urged to send their names to the Secretary, to be enrolled as members. A small admission fee is required, the funds so procured, are to be donated to the Hospital, agreeably to a vote taken at the last meeting. Alumni are requested to keep the Secretary informed of change of address.

## SCHEDULE OF Minimum Requirements of Medical Colleges,

Adopted by the Iowa State Board of Medical Examiners, July 8th, 1866;  
Amended May 1st, 1889; and June 27, 1893.

### I.

#### CONDITIONS OF ADMISSION TO LECTURE COURSE.

1. Credible certificates of good moral character.
2. Diplomas of graduation from a recognized College, Scientific, or High School, or lacking this, a thorough examination in the branches of a good English education, including Mathematics, English Composition, Elementary Physics, or Natural Philosophy; and the translation of Latin.

### II.

#### BRANCHES OF MEDICAL SCIENCE TO BE INCLUDED IN THE COURSE.

1. Anatomy.
2. Physiology and Hygiene.
3. Chemistry.
4. Materia Medica and Therapeutics.
5. Theory and Practice of Medicine.
6. Pathology and Pathological Anatomy.
7. Surgery.
8. Obstetrics, and Gynecology.

### III.

#### TIME OF PROFESSIONAL STUDIES.

1. This shall be not less than four years before graduation, including the time spent with a preceptor and attendance upon lectures.

### IV.

#### LENGTH OF REGULAR GRADUATING COURSES.

1. The time occupied in each regular course of medical lectures shall not be less than six months, of twenty-four weeks each.
2. Three such graded courses of lectures, only one of which shall be within the same calendar year, shall be required for graduation with the degree of Doctor of Medicine.

## V.

## ATTENDANCE AND EXAMINATION, OR QUIZZES.

1. Regular attendance during the entire lecture courses shall be required, allowance being made only for absence occasioned by the student's sickness, and such absence not to exceed twenty per centum of the course.

2. Regular examination or quizzes, to be made by each lecturer or professor daily or at least once each week.

3. Final examination in all branches to be conducted, when practicable, by competent examiners, other than the professors in each branch.

## VI.

## DISSECTION, CLINICS AND HOSPITAL ATTENDANCE.

1. Each student shall have dissected at least one lateral half of a cadaver.

2. Attendance during at least two terms of clinical and hospital instruction shall be required.

## VII.

## FACILITIES FOR INSTRUCTION.

1. The College must show that it has a sufficient and competent corps of instructors, and the necessary facilities for teaching and for dissections, clinics, and hospital attendance.

## RESOLUTIONS.

The following resolutions were passed by the Board June 27, 1893:

WHEREAS, Several medical colleges heretofore recognized as in good standing by this Board have failed to comply with the schedule of minimum requirements adopted by the Iowa State Board of Medical Examiners:—Therefore, resolved,

*First.*—That from and after this date, June 27th, 1893, this Board will not issue certificates to practice medicine and surgery, in Iowa, except upon satisfactory examination, to the graduates of any medical college not requiring as a condition of graduation four years of medical study, including not less than three graded courses of medical lectures, of not less than six months each—no two of which said courses shall be within the same calendar year.

*Second.*—That while this Board appreciates and commends the efforts made by the various national associations of medical colleges to raise the standard of medical education and have each adopted a curriculum of study greatly in advance of former years, this Board under our present law and the decision of the Supreme Court there-

on, cannot and will not recognize, as "of good standing," any medical college belonging to such national association except upon compliance by announcement and practice, in letter and in spirit, with our schedule of minimum requirements.

*Third.*—That this Board will not recognize, nor be bound by, any contracts, between medical colleges and their students, either expressed or implied by their matriculation.

*Fourth.*—That any medical college failing at any session to conform to our requirements, shall upon satisfactory evidence thereof be regarded as not in good standing for the session thus defective, and the secretary is hereby directed not to issue certificates to the graduates thereof except upon the authority of this Board.

*Fifth.*—That this Board recognizes and will exercise the right under the law to refuse certificates to the graduates of any medical college, without reference to its standing, upon palpable evidence of incompetency, or upon conviction of a felony in connection with the practice of medicine; or to revoke certificates for like causes. Further,

WHEREAS, A number of medical colleges in the United States and Canada have adopted and require a four years' graded course of medical lectures as a condition of graduation, and others have expressed a determination to do so, therefore,

*Resolved, Sixth.*—That after July 4th, 1898, no medical college shall be recognized by this Board as "of good standing" within the meaning of Section 1, Chapter 104, Laws 1886, that does not require as a condition of graduation four graded courses of medical lectures of not less than six months each—no two of which said courses shall be within the same calendar year.

*Seventh.*—That graduation from any college of Dentistry, and Veterinary Medicine; or of Pharmacy upon a satisfactory examination in anatomy, recognized by this Board as of good standing may be accepted as the equivalent of the first year's course of medical lectures by colleges requiring as a condition of graduation the graded courses above specified.

*Eighth.*—That the secretary of this Board be and he is hereby directed to furnish all the medical colleges of the United States and Canada, and the secretaries of the respective national associations of medical colleges, together with the leading medical presses of the country with a copy of the foregoing resolutions, and of our schedule of minimum requirements, and publish the same in the MONTHLY BULLETIN of the State Board of Health.

All medical colleges receiving a copy of this schedule and these resolutions, are respectfully requested to send their annual announcement to J. F. Kennedy, M. D., Des Moines, Iowa.

## Matriculants.

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### PRE-MATRICULATE.

| NAME.          | PRECEPTOR.      | RESIDENCE. |
|----------------|-----------------|------------|
| Bohnett, Ennos | J. M. Kilborne. | Clarion.   |

### FRESHMAN:

| NAME.                 | PRECEPTOR.         | RESIDENCE.        |
|-----------------------|--------------------|-------------------|
| Barnheizer, Jay G.    | F. A. Strawbridge. | Sigourney.        |
| Battin, James F.      | E. D. Whitacre.    | Marshalltown.     |
| Bishop, Albert H.     | Wm. Meyers.        | Sheldon.          |
| Bliss, Arthur S.      | M. H. Newland.     | Center Point.     |
| Bywater, Wm. L.       | C. M. Morford.     | Toledo.           |
| Dun-Van Edgar K.      | W. O. Cooke.       | Moravia, N. Y.    |
| Ebersole, Mrs. Myrtle | R. Benton          | Manson.           |
| Fry, Mrs. Arminda C.  | I. H. Fry.         | Marshalltown.     |
| Hansen, Jorgen W.     | A. S. Hansen.      | Blair, Nebr.      |
| Hazard, Clara M.      | T. L. Hazard.      | Iowa City.        |
| Hazlet, Edwin         | S. E. Burroughs.   | Monticello.       |
| Howard, Irwin         | F. H. Howard.      | Strawberry Point. |
| *Hunter, Guy          | A. O. Hunter.      | Des Moines.       |
| Kauffman, Frank E.    | J. H. Crippen.     | Waterloo.         |
| †Larsen, Olivia B.    | J. G. Gilchrist.   | Iowa City.        |
| Lilhe, Bertha S       | Faculty.           | Marion.           |
| Martin, Millie        | G. W. Palmer.      | Marion.           |
| Marvin, Henry W.      | H. M. Marvin.      | Sioux City.       |
| Peck, Raymond E.      | J. W. Watzek.      | Davenport.        |
| Sargent, Frank        | J. J. Glasier.     | Wadena.           |
| Seems, Gaillard F.    | T. Seems.          | Mitchelville.     |
| Semones, Wm. M.       | A. P. Macomber     | Atlantic.         |
| Speaker, Everett E.   | C. M. Morford.     | Toledo.           |
| Stauffer, Grace S.    | J. G. Gilchrist.   | Lebanon, Pa.      |
| Strubel, Linton W.    | T. L. Hazard.      | Iowa City.        |
| Taylor, Morrison A.   | J. W. Barrett.     | Osage.            |
| Westernberger, J. C.  | S. Johnson.        | Grafton.          |
| Whitmore, Frank B.    | Alvaro Zoller.     | West Union.       |

\*Not in attendance.

†Partial Course.

## JUNIOR YEAR.

| NAME.                      | PRECEPTOR.       | RESIDENCE.     |
|----------------------------|------------------|----------------|
| Best, Elmer E.             | C. J. Loizeaux.  | Mooreville.    |
| Borts, Harvey D.           | G. W. Palmer.    | Downey.        |
| Brown, Clinton G.          | C. A. Beverley.  | Ames.          |
| Brown, Chas. T.            | W. A. Hubbard.   | Cedar Rapids.  |
| Cochrun, Alfred T.         | A. W. Fees.      | Lenox.         |
| Fulton, John M.            | A. P. Macomber.  | Atlantic.      |
| Garton, Wm. M.             | W. H. Dickinson. | Des Moines.    |
| Geiger, Chas. W.           | E. M. Miller.    | Paxton, Ills.  |
| Gray, Mrs. Nettie G.       | Geo. Royal.      | Des Moines.    |
| Hansen, Otto A.            | J. Hermann.      | Sioux City.    |
| Hoskins, Sam'l B. (B.A.)   | H. M. Marvin.    | Sioux City.    |
| Howe, Arthur W.            | W. F. Howe.      | Potsdam, N. Y. |
| Hunt, Wm. F.               | F. W. Lee.       | Osage.         |
| Huntoon, Gardner A.        | J. B. Olmstead.  | Des Moines.    |
| McBurney, Geo. F.          | M. F. Howe.      | Elmont.        |
| McCartney, Johnson N.      | E. C. Hough.     | Villisca.      |
| Myrick, Arthur E. (B. Ph.) | A. L. Pollard.   | Anamosa.       |
| Oyler, Norman D.           | G. W. Palmer.    | Downey.        |
| Seeley, G. O.              | W. A. Seeley.    | Sutherland.    |
| Shaffer, Wm. E.            | C. J. Loizeaux.  | Dysart.        |
| Thomson, Mrs. Isabella     | J. S. Cron.      | Traer.         |
| Wentch, Geo. F.            | R. M. Parsons.   | Traer.         |

## SENIOR.

| NAME.                    | PRECEPTOR.       | RESIDENCE.       |
|--------------------------|------------------|------------------|
| Barlow, Mrs. Bernice G.  | Mary E. Whiting. | Iowa City.       |
| Bohstedt, Minnie J.      | Geo. Royal.      | Victor, Ia.      |
| *Ebersole, Howard C.     | T. L. Hazard.    | Anamosa.         |
| Fletcher, David A.       | H. M. Marvin.    | Sioux City.      |
| Gray, Richard H.         | A. M. Linn.      | Des Moines.      |
| Humphry, Alice M.        | C. W. Eaton.     | Des Moines.      |
| Humphry, Howard M.       | C. M. Morford.   | Toledo.          |
| Kennedy, Wm. R.          | T. L. Hazard.    | Anamosa.         |
| Mills, Mrs. Caroline     | W. F. Howe.      | Evanston, Wyom.  |
| Moss, Flora C.           | E. Stafford.     | Oskaloosa.       |
| Nichols, Frank L.        | J. L. Hanchett.  | Aurora, Ills.    |
| Richardson, Elmer E.     | O. G. Tremaine.  | Ida Grove.       |
| Robertson, Orrin (M. D.) | J. R. Buchanan.  | San Antonio, Tex |
| Seeman, Wm. O.           | F. E. Seeman.    | Dubuque.         |
| Shaw, Luella Z.          | J. G. Gilchrist. | Pella.           |
| Smith, Mark H.           | A. P. Hanchett.  | Council Bluffs.  |
| Woolverton, Ella G.      | J. G. Gilchrist. | Iowa City.       |

\*To repeat the course, on account of age.

## POST-GRADUATE.

|                                            |            |
|--------------------------------------------|------------|
| Johnson, Leora, M. D. ; S. U. I., 1890.    | Iowa City. |
| Kimball, Adele P., M. D. ; S. U. I., 1894. | Iowa City. |
| Whiting, Mary E., M. D. ; S. U. I., 1891.  | Iowa City. |

## NURSES SCHOOL.

## PUPILS.

|                        |            |
|------------------------|------------|
| Bloom, Blanche         | Iowa City. |
| Gilchrist, Redelia     | Iowa City. |
| Thomas, Mrs. Nellie L. | Iowa City. |
| Waite, Carrie J.       | Wellman.   |
| Watson, Mrs. S. N.     | Iowa City. |

## JUNIORS.

|                         |                |
|-------------------------|----------------|
| Barton, Cora L.         | Des Moines.    |
| Berchenbitter, Laura M. | North Liberty. |
| Turner, Gertrude A.     | Emmettsburg.   |

## SENIORS.

|                     |              |
|---------------------|--------------|
| Smiley, Harriett M. | Angola, Ind. |
| Wyckoff, Emma M.    | Howland, Mo. |

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Graduating Class.

|                         |                   |
|-------------------------|-------------------|
| Barlow, Bernice G.      | Iowa City.        |
| Bohstedt, Minnie J.     | Victor.           |
| Fletcher, David A.      | Sioux City.       |
| Gray, Richard H.        | Des Moines.       |
| Humphry, Alice M.       | Des Moines.       |
| Humphry, Howard M.      | Toledo.           |
| Kennedy, William R.     | Anamosa.          |
| Mills, Caroline         | Evanston, Wyo.    |
| Moss, Flora C.          | Oskaloosa.        |
| Nichols, Frank L.       | Aurora, Ill.      |
| Richardson, Elmer E.    | Ida Grove.        |
| Robertson, Orrin, M. D. | San Antonia, Tex. |
| Seeman, William O.      | Dubuque.          |
| Shaw, Luella Z.         | Pella.            |
| Smith, Mark H.          | Council Bluffs.   |
| Woolverton, Ella G.     | Iowa City.        |

## GRADUATES FROM NURSES' SCHOOL.

|                     |              |
|---------------------|--------------|
| Smiley, Harriett M. | Angola, Ind. |
| Wyckoff, Emma M.    | Howland, Mo. |

## THE HOMOEOPATHIC MEDICAL DEPARTMENT.

Four sessions of six months each are required for graduation, when the degree M. D., is conferred, and the graduates are entitled to registration by the State Board of Medical Examiners.

During the year 1894-95 instruction was given by twenty professors and assistants, and the number of students enrolled was seventy.

## THE DENTAL DEPARTMENT.

The full course requires attendance during three sessions of six months each. On the completion of the course the degree D. D. S., is conferred and the graduates are entitled to registration by the State Board of Dental Examiners.

During the year 1894-95 instruction was given by twenty-one professors and assistants, and the number of students enrolled was one hundred and forty-eight.

## THE PHARMACY DEPARTMENT.

The course in this department comprises two sessions of six months each. On its completion the degree Ph. G., is conferred upon all candidates who have had three years or more experience in a pharmacy in which prescriptions are compounded.

During the year 1894-95 instruction was given by eight professors and assistants, and the number of students enrolled was sixty-seven.

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The total number of different students in all departments of the University during the year 1894-95 was eleven hundred and fifty.

The University is well supplied with laboratories and apparatus. Among the former may be mentioned the Chemical Laboratory, recently erected at an expense of \$50,000, in which building is also located the Pharmacy Laboratory; the Physical Laboratory, Laboratories for Animal Morphology and Physiology; the Botanical Laboratory; the Psychophysical Laboratory; the Pathological Laboratory; the Engineering Laboratories; the Dental Laboratories.

The Museum of Natural History contains large collections of specimens which are used in the work of instruction in Geology, in Zoology, in Botany, etc.

The Libraries of the University contain over 37,000 volumes.

For further information as to any of the Departments address,

CHARLES A. SCHAEFFER,

President of the University.



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HOMOEOPATHIC MEDICAL DEPARTMENT  
STATE UNIVERSITY OF IOWA

ANNOUNCEMENT

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# THE STATE UNIVERSITY OF IOWA.

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## BOARD OF REGENTS.

*His Excellency*, FRANCIS MARION DRAKE, *Governor of the State.*

HENRY SABIN,

*Superintendent of Public Instruction.*

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| PARKER K. HOLBROOK, <i>Onawa.</i>    | W. R. MONINGER, <i>Galvin.</i>          |
| ALONZO ABERNETHY, <i>Osage.</i>      | ALBERT W. SWALM, <i>Oskaloosa.</i>      |
| HARVEY INGHAM, <i>Algona.</i>        | J. D. MCCLEARY, <i>Indianola.</i>       |
| CHARLES E. PICKETT, <i>Waterloo.</i> | J. W. GARNER, <i>Columbus Junction.</i> |
| C. A. STANTON, <i>Centerville.</i>   | F. W. MAHIN, <i>Clinton.</i>            |
| SHIRLEY GILLILLAND, <i>Glenwood.</i> |                                         |

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The University, as the head of the school system of the State, was provided for by a statute enacted by the First General Assembly in February, 1847, in accordance with the Constitution of the State adopted in the previous year. As at present organized, the University comprises the following departments:

### THE COLLEGIATE DEPARTMENT.

Students are admitted to this department from most of the high schools of the State without examination. The curriculum embraces four general courses of study, the classical, two philosophical, the general scientific, and two technical courses, the course in Civil Engineering, and the course in Electrical Engineering.

There is no preparatory school connected with this department. During the year 1895-96 there were forty-one professors and assistants engaged in the work of instruction in this department, and the number of students enrolled was five hundred and sixty.

### LAW DEPARTMENT.

The course in this department extends over two years of nine months each, and on its completion the degree LL. B. is conferred.

During the past year instruction was given by five resident professors, who spend their entire time in that work, and by five lecturers of distinction in the various branches of law.

The number of students enrolled in 1895-96 was two hundred and eighteen.

### THE MEDICAL DEPARTMENT.

The course in this department requires four sessions of six months each, and on its completion the graduates receive the degree M. D., and are entitled to registration by the State Board of Medical Examiners.

During the year 1895-96 instruction was given by twenty-one professors and assistants, and the number of students enrolled was two hundred and three.

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(Continued on page 3 of cover.)

TWENTIETH ANNUAL ANNOUNCEMENT  
OF THE  
HOMOEOPATHIC MEDICAL DEPARTMENT  
OF  
THE STATE UNIVERSITY OF IOWA  
IOWA CITY, IOWA  
1896-97

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PUBLISHED BY THE UNIVERSITY  
1896

# Homœopathic Medical Department.

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## FACULTY.

---

CHARLES A. SCHAEFFER, A. M., PH. D., LL. D.,  
*President.*

WILMOT H. DICKINSON, M. D.,  
*Professor of Theory and Practice, and Clinical Medicine. Dean of the Faculty.*

JAMES G. GILCHRIST, A. M., M. D.,  
*Professor of Surgery and Surgical Gynecology. Registrar of the Faculty.*

CHARLES H. COGSWELL, M. D.,  
*Professor of Obstetrics and Diseases of Women.*

FRANK J. NEWBERRY, M. D., O. et A. Chir.,  
*Professor of Ophthalmology, Otology, and Pedology.*

GEORGE ROYAL, M. D.,  
*Professor of Materia Medica and Therapeutics.*

D. W. DICKINSON, M. D.,  
*Assistant to the Chair of Theory and Practice.*

THEODORE L. HAZARD, M. D.,  
*Assistant to the Chair of Materia Medica.*

FRED J. BECKER, M. D.,  
*Assistant to the Chair of Surgery.*

RALPH W. HOMAN, M. D.,  
*Assistant to the Chair of Ophthalmology, Etc.*

REUBEN L. NEWBOLD, M. D.,  
*House Surgeon.*

ADELE P. KIMBALL, M. D.,  
*Matron.*

## ADDITIONAL INSTRUCTORS.

---

### MEDICAL DEPARTMENT.

---

WOODS HUTCHINSON, A. M., M. D.,

*Professor of Anatomy.*

JAMES R. GUTHRIE, A. M., M. D.,

*Professor of Physiology.*

GERSHOM H. HILL, A. M., M. D.,

*(Superintendent of the Hospital for the Insane at Independence). Lecture on Insanity.*

ELBERT W. ROCKWOOD, A. M., M. D.,

*Professor of Chemistry and Toxicology.*

WALTER L. BIERRING, M. D.,

*Professor of Normal and Pathological Histology.*

JOHN W. HARRIMAN, M. D.,

*Demonstrator of Anatomy.*

LEE WALLACE DEAN, B. S., M. D.,

*Demonstrator of Normal Histology.*

WILLIAM R. WHITEIS, B. S., M. D.,

*Demonstrator of Phathological Histology.*

W. E. BARLOW, A. B.,

*Demonstrator of Chemistry.*

---

### LAW DEPARTMENT.

---

EMLIN McCLAIN, A. M., LL. D.,

*Lecture on Medical Jurisprudence.*

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### EXAMINERS.

W. BANCROFT, M. D., *Keokuk,*

P. E. TRIEM, M. D., *Manchester.*

A. P. HANCHETT, M. D., *Council Bluffs.*

# Homœopathic Medical Department.

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The twentieth annual course of instruction will open on Wednesday, September 16, 1896, and close on Tuesday, March 17, 1897. The opening lecture will be given by Prof. Dickinson at 4 o'clock P. M. in the amphitheater. The course of study extends over five years, one year being pre-matriculate, under a preceptor, and four years under-graduate. Men and women are admitted on absolutely equal terms, no distinction whatever being made between them. The large and well equipped laboratories in the University, the hospital facilities afforded by the union of college and hospital under one roof, and the opportunity for collateral study in any department of literature or science, furnishes facility for securing an education in medicine not to be surpassed. The fact that our undergraduates are frequently called upon to occupy positions as demonstrators in other schools, is a sufficient proof of the superior advantages accruing from connection with a large University. A course has been authorized to commence in 1896, continuing over six (6) years, which will enable the student to attain the degree of B. S., in addition to the medical degree.

## ADMISSION:

The requirements for admission are the same in all departments of the University—viz: the possession of a diploma from a high school approved by the University, or some equivalent, as the completion of the Freshman year in a college of letters, of approved standing, with a sufficient knowledge of Latin. Failing in these requirements, the applicant for admission to the Freshman class must pass an examination in English scholarship, and Latin sufficient to admit to the Freshman class in the Collegiate Department. Applicants for admission to advanced standing must present evidence that they have attended one or more sessions in a reputable medical college, and will be

admitted to such class as they may prove themselves qualified to enter. All applicants for admission will apply to the examining committee in the President's office, on Tuesday, or Wednesday, September 15, or 16, 1896. If admitted they will then report for enrollment and assignment of seats at the Registrar's office, department building on Dubuque street. All fees must be paid to the Secretary of the University, *and to him only*, before the first of October following:

Advancement to higher classes is secured only by examination, oral and written, combined with the quiz record and class standing. An average of 65 per cent. must be secured in any one study to pass that chair; an average of 70 per cent. in all the examinations is necessary to pass to a higher class. A failure to pass in two or more studies will stop advancement until the conditions are satisfied. A failure in one study will not stop advancement, but the student must pass a satisfactory examination in that study before the close of the year to which he is promoted. The Faculty reserve the right to determine the class which any student shall enter, in the case of applicants who have had one or more years in other medical schools.

*Graduates of non-homœopathic medical colleges* may be admitted as post-graduate students, as follows: If an *ad eundem* degree is sought they must matriculate in the University and pay the lecture fee, and examination fee, passing an examination in the therapeutics of the branches taught in this Department. If a degree is not sought a matriculation fee is to be paid, and such laboratory expenses as may be necessary, together with a lecture fee, if a full course is taken.

*Alumni* of this school will be admitted to all lectures, and clinics free of charge.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

In case any student is unable to pay the fees at the proper time, such student may, on application to the Dean of the Department, be granted an extension of time not to exceed thirty days from the opening of the session.

All students who do not pay the proper fees or avail themselves of the provision above mentioned, will be suspended from the Department until such fees are paid.

## FEES.

The fees in the different years are as follows:

## FRESHMAN.

|                                            |         |
|--------------------------------------------|---------|
| Matriculation .....                        | \$ 5 00 |
| Lecture ticket.....                        | 20 00   |
| Histological laboratory.....               | 5 00    |
| Chemical laboratory.....                   | 5 00    |
| Practical Anatomy.....                     | 10 00   |
| Chemical laboratory, breakage deposit..... | 3 00    |
| Examination fee.....                       | 5 00    |
|                                            | <hr/>   |
|                                            | \$53 00 |

## SOPHOMORE.

|                                            |         |
|--------------------------------------------|---------|
| Lecture ticket.....                        | \$20 00 |
| Histological laboratory.....               | 5 00    |
| Chemical laboratory.....                   | 5 00    |
| Chemical laboratory, breakage deposit..... | 3 00    |
| Practical Anatomy.....                     | 10 00   |
| Hospital ticket.....                       | 3 00    |
| Examination fee.....                       | 5 00    |
|                                            | <hr/>   |
|                                            | \$57 00 |

## JUNIOR.

|                      |         |
|----------------------|---------|
| Lecture ticket.....  | 20 00   |
| Hospital ticket..... | 3 00    |
| Examination fee..... | 5 00    |
|                      | <hr/>   |
|                      | \$28 00 |

## SENIOR.

|                              |         |
|------------------------------|---------|
| Lecture ticket.....          | \$20 00 |
| Pathological laboratory..... | 5 00    |
| Hospital ticket.....         | 3 00    |
| Examination fee.....         | 10 00   |
|                              | <hr/>   |
|                              | \$38 00 |

NOTE: *Breakage deposits* in the Chemical laboratory, will be returned to the student at the close of the year, less any charges that may appear for destruction of material.

*Examination fees* are in lieu of the customary diploma fee, \$25.00. Students who enter the Department in advanced classes, must pay such sum, as examination fee, as they should have paid in lower classes.

*Matriculation fee* is to be paid by every *new* student, no matter in what class he may be entered.

#### ANATOMY.

Anatomy is studied during the Freshman and Sophomore years. The course is a very thorough one, utilizing all the modern aids to teaching. Whenever possible the student will have the opportunity, by actual inspection of material, to become familiar with the appearance, texture, and physical characters of all structures. Practical anatomy, or dissection is absolutely essential to promotion to higher classes, and is most thoroughly taught, the supply of material being abundant. Each student is required to make two dissections, one each year. On the completion of a dissection, a rigid examination will be held, which will entitle to a certificate to that effect. Without such evidence of having made two dissections, in a manner satisfactory to the Demonstrator, a student cannot be examined for graduation. Text-book: Gray, *Nancredes Essentials*.

#### PHYSIOLOGY.

Physiology is studied in the Freshman and Sophomore years. In this subject the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and black-board figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration. Text-book: Flint, Dalton, or Foster.

#### HISTOLOGY.

The work in this department runs through the Freshman and Sophomore years. One lecture a week will be given, many of them being illustrated by means of the stereopticon. Two hours each week are devoted to laboratory work, in the new histological laboratory, which is commodious, well-lighted, and supplied with thirty-six new compound microscopes, with all necessary accessories, dissecting microscopes, microtomes of various kinds, injecting apparatus, turn-tables, etc.

Each student is furnished a microscope, reagents and apparatus, is taught the use of the microscope, and does, or has demonstrated before him, the general technique of the subject of histology, hardening, embedding, sectioning, staining, mounting, etc.

Histological injections are made before the class. During the term the student prepares for himself a series of slides, illustrating the ultimate distribution of the blood, and cellular structure of normal tissues and organs. Klein's Manual of Histology, is the text-book used.

#### CHEMISTRY.

The work in Chemistry is carried on during three years. In the Freshman year the course consists of lectures and laboratory work. The lectures treat first of the general principles of the science; then the subjects of interest to the student of medicine are discussed. Especial attention is paid to the compounds found in the body, with their functions and chemical changes. Medicinal and poisonous substances, and such as are used in practical work are also considered.

In the laboratory the student begins with tests for the metals, particularly the poisonous ones, and passes to the analysis of complex substances. He learns methods of manipulation, and becomes acquainted with the properties and actions of reagents. In the latter part of the course, urine is studied; quantitative and qualitative tests are made for its pathological constituents, and such normal ones as are of importance to the physician.

The course includes the methods for the sanitary examination of water, and those employed in quantitative analysis.

In the Sophomore year, Physiological Chemistry is taken up, on the same general plan. The lectures are in explanation and amplification of the laboratory work. The latter includes the study of the proximate principles of the body, and of their chemical changes. Artificial digestive experiments are made, their products being isolated and tested. The constituents of the blood are tested, together with the methods for identification of stains. The qualitative tests for the abnormal constituents of the urine follow, and the quantitative determination of such as are of importance. The course is completed by the identification of urinary sediments and calculi; and the analysis of various pathological specimens of urine.

In the Junior year, Toxicology is taken up. Instruction in this branch is given by means of weekly lectures, supplemented by quizzes. The general principles are first considered, then the most important of the poisons are treated separately. Text-books: Simon, or Roscoe and Schorlemmer, Andrews' Analytical.

## THEORY AND PRACTICE.

Regular attendance on this branch of medical study will only be required of the Junior and Senior classes; but it is desirable that the Sophomore class attend the lectures as often as their other duties will permit.

General and special Pathology will be taught according to the latest investigations into the etiology and nature of disease.

It will be the aim of the occupant of this chair to only teach that which has secured the sanction of competent observers, and which has been confirmed by abundant clinical experience.

In teaching the relation of drug pathogenesis to Semicology the well established principles of Homœopathics, Therapeutics will be closely and consistently followed.

Attendance upon clinics will be obligatory upon Seniors, Juniors, and Sophomores, but optional with the Freshman class. The teaching will be didactic and clinical.

The lecture-room being under the same roof with the hospital furnishes admirable opportunities for bed-side instruction. The lectures will be illustrated by diagrams, wax, and papier-maché models, and pathological specimens from the Museum of the college in order to enhance their usefulness. No efforts will be spared to prepare the student to become a successful practitioner.

The books recommended are as follows:

Dickinson's Theory and Practice; Arndt's System of Medicine; Raue's Special Pathology; Goodno's Practice. For reference; Pepper's Text-book of Theory and Practice of Medicine; Stevens' Manual of Pathology.

## OPHTHALMOLOGY AND OTOTOLOGY,

During the Junior and Senior years instruction in diseases of the eye and ear will be both didactic and clinical. Special stress is laid upon the diagnosis and treatment of those diseases which will most often present themselves in the work of the general practitioner. The didactic teaching is illustrated by models and drawings. The clinics are large and varied, opportunity being thus given to examine and treat the cases presented. Text-books: Norton, Buffum, Angell.

## LARYNGOLOGY AND RHINOLOGY.

Instruction is given in Rhinology and Laryngology to the Junior and Senior classes by weekly lectures and clinics. Students are assigned cases for treatment, and given ample opportunity to become expert in the use of the laryngoscope,

rhinoscope, and other instruments employed in the diagnosis and treatment of the various diseases. Text-books: Ivins or Brown.

#### PÆDOLOGY.

Weekly lectures and recitations are given on diseases of children to the Junior and Senior classes. The subjects taken up are the diseases of infancy, as well as early childhood, and while largely treated by the didactic method, clinical demonstrations are used whenever possible. Text-books: Tooker, Fisher.

#### MATERIA MEDICA.

Students will receive instruction from this chair during the entire course. The Freshmen will be given two lectures each week during the first half of the year. Ten lectures will be given on the Organon, and ten on institutes and pharmacology.

The Sophomores and Juniors will be instructed together. Four hours each week will be devoted to lectures, recitations, and quizzes. The remedies will be divided into two groups. The vegetables will be considered during the term 1896-97. A brief review of the toxicological and physiological effects of the drug will be given, then the most prominent and characteristic symptoms. These symptoms will be grouped as they have been found useful for therapeutic purposes. The Seniors will be allowed to attend and review the lectures given the Juniors, and in addition will be given two hours each week. These two hours will be devoted entirely to practical work. Clinical cases will be presented for which each student will be required to prescribe. The remedies thus presented will be thoroughly studied and compared with others which are applicable to the various manifestations of the disease under consideration.

Text-books: Organon; Dewey's, Essentials of Materia Medica; Farrington's Clinical Materia Medica; Dunham's Homœopathy and Science of Therapeutics; Malcolm and Moss' Regional and Comparative Materia Medica, and Allen's Handbook of Materia Medica.

#### SURGERY.

This study extends through three years. Minor Surgery is taught during the Sophomore year, including bandaging. In the Junior year Surgical Emergencies is taught, including such topics as anesthesia, shock, hemorrhage, wounds, fractures, and dislocations. In the Senior year Surgical Pathology, general and special, is thoroughly gone over. The method of instruc-

tion is a combination of the didactic and practical. The principal operations are made on the cadaver, and experimental work, in the Seminary, will receive careful attention in the Senior year. Examinations are held in each class at the close of the year.\*

The books recommended are: Sophomore, Sargents or Martin's, Minor Surgery. In the Junior year, Gilchrist's Syllabus, and Hamilton, on Fractures and Dislocations. In the Senior year, Fisher and Macdonald's Text-book of Surgery, and Gilchrist's Surgical Pathology.

#### GYNECOLOGY.

This branch is divided between the chairs of obstetrics and surgery. The study is pursued in the Senior year.

Medical diseases of women are considered by the chair of obstetrics during the last half of the term. The surgical diseases are treated during the year by the chair of surgery, by lectures, clinics, and demonstrations. The books recommended are Wood's Gynecology; Southwick's Practical Gynecology.

#### OBSTETRICS.

This branch is taught in the Junior and Senior years. The plan of instruction in this branch will be the usual didactic method supplemented by demonstrations with wet and dry preparations, models and diagrams; together with clinical practice whenever possible. Two lectures a week are given, with occasional quizzes and recitations. The scheme is designed to carry the student forward, after thorough instructions in the anatomy of the pelvis and generative apparatus, through ovulation, menstruation, gestation, and normal labor, with the various abnormalities of the lying-in period. The use of obstetric instruments is taught on the manikin, and every care taken to thoroughly prepare the students for dealing with complications. Dystochia, and all forms of abnormal gestation and labor are given in the closing portion of the course. The central idea is to give the practical preference over the merely theoretical. The text-books recommended are: Guernsey and Lusk; Grandin and Jarmen, Obstetric Surgery.

#### PATHOLOGY.

The west hall on the second floor of the Medical Building is now the Pathological and Bacteriological Laboratory. Here are all the instruments necessary for the study and demonstra-

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\*Sophomores, Seniors, and Juniors are required to attend the clinics; Seniors are admitted to sub-clinics as detailed in sections.

tion of Pathological Anatomy and Pathological Histology, also the apparatus usually found in a well equipped Bacteriological Laboratory, ample for the cultivation and demonstration of the germs of interest to medical men. Students not only see this work done, but make all the ordinary cultivations and pure cultures themselves, and prepare slides of all the ordinary non-pathogenic and pathogenic microbes.

Three hours a week are devoted to the practical study of morbid anatomy. The work consists of laboratory exercises, the aim being to make this study as practical as possible, and to familiarize the student with the use of the microscope in diagnosis. Part of the time in the laboratory is devoted to the study of prepared specimens under the guidance of the instructor, and the remainder to the mounting of pathological specimens by the student himself. An abundance of material is furnished by the laboratory, and each student is allowed to keep as his own property all the sections prepared by him during the term. Special attention is paid to the diagnosis of tumors, trichinæ, etc., microscopically, and the student learns easy and rapid methods of making preparations for such diagnosis. Two hours a week are used for lectures, supplementary as well as introductory to the laboratory work.

The course in this chair is pursued in the Junior and Senior years; the Senior course being largely laboratory work.

Text-books recommended are: Green, Dellafield and Pruden, or Ziegler. In Bacteriology, Abbott, Crookshank, or Sternberg.

Medical Jurisprudence, Insanity, and Dentistry, will be treated in short courses of lectures, given by appointment.

Classes in Materia Medica, Practice, Minor Surgery, Pharmacology, Obstetrics, Surgical Emergencies, Surgery, Gynecology, Eye and Ear, and Pædology are in the lecture-room or amphitheater of the Homœopathic Hospital, in which rooms also, all the clinics are held. Physiology, Anatomy, and Insanity are taught in the amphitheater of the Medical Department. Pathology, Histology, Chemistry, and Toxicology are taught in the appropriate laboratories. Medical Jurisprudence is taught in the lecture-room of the Law Department.

#### CLINICS.

The clinics of this Department are open to students of all the classes, but the attendance is not obligatory in the Freshman year. All the clinics are full, in some of them the capacity of the Hospital has been severely taxed. The general arrangements and clinical system are as follows: The House Sur-

geon at the Commencement of the term details three students from the Senior class as clinical assistants. One of these retires after one week's service, one after two weeks, and the remaining one after three weeks. One student a week is detailed thereafter so that each Senior student has three consecutive weeks of clinical work. The duties are to assist at all clinics, and attend to all dressings in the Hospital, under the supervision of the House Surgeon. This gives unusual facilities for practical instruction. In the Medical and Eye and Ear clinics each member of the Senior class will be given repeated opportunities for examination of patients, and will be required to diagnose the disease and suggest method of treatment. The clinics are largely patronized, the number of cases and the variety being fully equal to the college clinics in the larger cities. The clinics are held as follows:

*Medical Clinic.*—Thursday afternoon, service of Professor DICKINSON.

*Surgical Clinic.*—Saturday morning, service of Professor GILCHRIST.

*Eye and Ear Clinic.*—Tuesday afternoon, service of Professor NEWBERRY.

*Gynecological Clinic*, by appointment, in sub-clinics, service of Professor GILCHRIST.

*Obstetrical Clinic*, by appointment, service of Professor COWELL.

The sub-clinics are held two or more times a week, to which sections of the Senior class are admitted, where opportunity is afforded all to make examinations in gynecological cases, and the use of various instruments of precision for purposes of diagnosis.

Medical and Surgical treatment, and nursing are free for patients entering the general clinics. Board in the Hospital is furnished for \$7.00 a week.

Correspondence with reference to admission to the clinics or Hospital should be had with the professor having charge of the particular clinic, or the Registrar of the Faculty. Arrangements can be made for the reception of a limited number of obstetrical cases, only between the 15th of September and the 15th of February.

In connection with the clinics a DISPENSARY has recently been opened, where the clinical assistants, under the direction of the Faculty, prescribe for and visit out-patients, as well as attend such cases of obstetrics as apply. The dispensary is

growing in patronage and influence, so that it will soon become a highly important and profitable portion of the work, acting at once as a "feeder" for the clinics, and giving practical instruction to the attendant.

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## TRAINING SCHOOL FOR NURSES.

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A training school for nurses has been authorized by the Board of Regents maintaining a Pupil's Course, continuing one year, and a Professional Course of two years. Members of the Pupil's Course are known as *Pupil Nurses*. Those taking the Professional Course are classified as *Junior* and *Senior Nurses* during their first and second years, respectively, in the Hospital.

PUPIL NURSES receive systematic instruction. The course includes recitations conducted by the Matron, one lesson a week by the House Surgeon, and one lecture a week by a member of the Faculty of the Department. The term commences and closes with the medical term of the University. A fee of five dollars will be charged, payable at the beginning of the term to the Registrar of the Faculty.

Each Pupil Nurse may also have, if so desiring, one month's practical work in the Hospital. The Month Probationers must reside in the Hospital; during this month they shall receive no remuneration, but will be at no expense for board, room, or laundry.

At the close of the year's work, examinations will be given to the Pupils' Class, and those who satisfactorially pass these examinations, will receive suitable certificates. These certificates will *not*, however, be equivalent to the diploma given upon completing the two years' Professional Course of the Training School. Before a Pupil Nurse can obtain from the Training School a diploma as a graduate of the Professional Course, she will be required to do one year's work as a resident nurse in the Hospital.

Candidates for admission to the Professional Course must be not under twenty nor over thirty-five years of age, must have a common school education, and must present two letters of recommendation as to their capability, qualifications, and moral character. No other examination for admission will be required.

Candidates will at first be entered upon one month's probation, during which time they will receive board, lodging, and laundry, but no compensation. If they are found satisfactory, they shall at the end of the first month and during the remainder of the first year, in addition to their living as above, receive \$8 a month for personal expenses, with a slight increase during the second year. This sum is not to be regarded as wages, the instruction given being in itself full compensation for all services rendered.

Those who complete the two years' Professional Course, shall receive a suitable diploma, signed by the President of the University and the Medical Board, and attested by the seal of the University. The graduating exercises occur in connection with those of the Department. For further information address  
ADELE P. KIMBALL, M. D., Matron.

#### BOARD AND ACCOMMODATIONS.

Good board can be obtained at from \$3 to \$5 a week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the Y. M. C. A. Information Bureau.

Students will find themselves provided with the best accommodation in the Medical Building for all lectures had in common with the Medical Department.

The building erected for the State Homœopathic Hospital is conveniently located, and contains pleasant, well-lighted and commodious lecture-rooms, in which all the lectures and clinics of the Department are held.

#### REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine after 1897 in this Department, the student must exhibit to the Dean evidence of having pursued the study of medicine for four years; must have attended four courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

#### COMBINED SCIENTIFIC AND MEDICAL COURSE.

Arrangements have recently been made with the Faculty of the Collegiate Department by which it will be possible for a student to complete the course in Science and the course in

the Homœopathic Medical Department in six years, thereby obtaining the degrees B. S., and M. D. This combined course is especially recommended to all students who intend to enter the profession of medicine.

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## ALUMNI ASSOCIATION.

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The Alumni Association held its tenth annual meeting at the College Building, March 14, 1896, at which time the following officers were elected:

|                               |                              |                      |
|-------------------------------|------------------------------|----------------------|
| <i>President,</i>             | R. W. HOMAN, M. D.,          | Iowa City.           |
| <i>First Vice-President,</i>  | A. T. COCHRAN, M. D.,        | Lenox.               |
| <i>Second Vice-President,</i> | G. F. MCBURNEY, M. D.,       | Elmont.              |
| <i>Secretary,</i>             | R. L. NEWBOLD, M. D.,        | Mechanics-<br>ville. |
| <i>Treasurer,</i>             | LEORA JOHNSON, M. D.,        | Iowa City.           |
| <i>Alumni Orator,</i>         | S. B. HOSKINS, A. B., M. D., | Sioux City.          |

### EXECUTIVE COMMITTEE.

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#### PRESIDENT, SECRETARY, TREASURER.

Alumni are urged to send their names to the Secretary, to be enrolled as members. A small admission fee is required, the funds so procured, are to be donated to the Hospital, agreeably to a vote taken at the last meeting. Alumni are requested to keep the Secretary informed of change of address.

## JOHNSON COUNTY HOMŒOPATHIC MEDICAL SOCIETY.

The meetings of this Society are held weekly in the lecture-room of the College, and have been very useful as adjuncts to the instruction given. Senior students are associate members, and enjoy all the privileges of membership, excepting voting, and the right to hold office. Officers for 1896-97:

|                        |                                  |
|------------------------|----------------------------------|
| <i>President,</i>      | JAMES G. GILCHRIST, A. M., M. D. |
| <i>Vice-President,</i> | FRANK J. NEWBERRY, M. D.         |
| <i>Secretary.</i>      | RALPH W. HOMAN, M. D.            |

## POST-GRADUATES.

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|                                     |            |
|-------------------------------------|------------|
| Barlow, Bernice G., M. D.....       | Iowa City. |
| Everhart, John W., M. D.....        | Iowa City. |
| Kimball, Adele P., M. D.....        | Iowa City. |
| Seeman, Wm. O., M. D.....           | Dubuque.   |
| Watson, Samuel N., D. D., M. D..... | Iowa City. |

## SENIORS.

| NAME.                  | PRECEPTOR.       | RESIDENCE.      |
|------------------------|------------------|-----------------|
| Borts, Harvey D.       | G. W. Palmer,    | Downey          |
| Cochrun, Alf. T.       | A. W. Fees,      | Lenox           |
| Ebersole, Howard C.    | A. L. Pollard,   | Anamosa         |
| Garton, Wm. M.         | W. H. Dickinson  | Des Moines      |
| Gray, Mrs. Nettie A.   | Geo. Royal,      | Anamosa         |
| Hansen, Otto A.        | John Hermann     | Sioux City      |
| Hayden, Arthur W.      | C. B. Adams,     | Wall Lake       |
| Hoskins, S. B. (A. B.) | H. N. Marvin,    | Sioux City      |
| Howe, Arthur W.        | W. F. Howe,      | Pottsdam, N. Y. |
| Hunt, Wm. F.           | F. W. Lee,       | Osage           |
| Huntoon, Gardner A.    | Geo. Royal,      | Des Moines.     |
| McBurney, Geo. F.      | M. F. Howe,      | Elmont          |
| Newbold, Reuben L.     | N. T. Hubbell,   | Mechanicsville  |
| Oyler, Norman D.       | G. W. Palmer,    | Downey          |
| Seely, Geo. O.         | W. A. Seeley,    | Sutherland      |
| Shaffer, Wm. E.        | C. J. Loizeaux   | Dysart          |
| Thomas, Adelaide E.    | Geo. Royal,      | Des Moines      |
| Thompson, Belle M.     | J. S. Cron,      | Traer           |
| Wentch, Geo. F.        | R. M. Parsons,   | Traer           |
| Woolverton, Ella G.    | J. G. Gilchrist, | Iowa City       |

All the above received the degree of Doctor of Medicine,  
March 10, 1896.

## JUNIORS.

| NAME.              | PRECEPTOR.      | RESIDENCE.     |
|--------------------|-----------------|----------------|
| Battin, James F.   | E. D. Whitacre, | Iowa City      |
| Bishop, Al. H.     | Wm. Meyers,     | Sheldon        |
| Bywater, Wm. L.    | C. M. Morford,  | Toledo         |
| Dun Van Edgar K.   | W. C. Cooke,    | Moravia, N. Y. |
| Ebersole, Sarah M. | R. Barton,      | Manson         |
| Fry, Arminda C.    | I. H. Fry,      | Marshalltown   |

| NAME.                | PRECEPTOR.       | RESIDENCE.       |
|----------------------|------------------|------------------|
| Hansen, Jorgen W.    | A. Shantz-Hansen | Cedar Falls      |
| Hazard, Clara M.     | T. L. Hazard,    | Iowa City        |
| Hazlet, Edwin        | S. E. Burroughs, | Allison          |
| Howard, Irwin        | F. H. Howard.    | Strawberry Point |
| Kauffman, Frank E.   | J. H. Crippen,   | Waterloo         |
| Lillie, Bertha S.    | Geo. Royal,      | Marion           |
| Martin, Milly        | G. W. Palmer,    | Marion           |
| Marvin, Harvey W.    | H. W. Marvin,    | Sioux City       |
| Peck, Raymond E.     | J.W. Watzek,     | Davenport        |
| Seems, Gaillard F    | T. Seems         | Mitchelville     |
| Semones, Wm. M.      | J. G. Gilchrist, | Iowa City        |
| Spaulding, Oliver S. | Faculty,         | Toronto, Kas.    |
| Speaker, Everett E.  | C. M. Morford,   | Toledo           |
| Stauffer, Grace S.   | J. G. Gilchrist  | Iowa City        |
| Struble, Linton W.   | T. L. Hazard,    | Iowa City        |
| Taylor, Morrison A.  | C. H. Barrette,  | Clarksville      |
| Westonberger, J. C.  | S. Johnson,      | Grafton          |

## SOPHOMORES.

|                      |                  |                   |
|----------------------|------------------|-------------------|
| Bailey, Ida H.       | T. L. Hazard,    | Iowa City         |
| Burtchby, Francis T. | G. B. Burtchby,  | Montezuma         |
| Kauffman, Wm. A.     | C. M. Morford,   | Whitton           |
| Lambert, Elmer       | J. C. Bonham,    | Ottumwa           |
| Mershon, Claus A.    | Faculty,         | Des Moines        |
| Miller, Lucas A.     | J. G. Gilchrist, | Iowa City         |
| Sarchett, Loyd H.    | F. L. Tribon,    | Algona            |
| Skinner, Fred C.     | F. D. Paul,      | Rock Island, Ill. |
| Todd, Victor C.      | S. N. McLean     | Washington        |
| Wood, Geo. B.        | F. A. Seeman,    | Dubuque           |

## FRESHMEN.

|                                 |                       |              |
|---------------------------------|-----------------------|--------------|
| Abbott, Ed. C.                  | T. L. Hazard,         | Iowa City    |
| Blackstone, B. P.               | A. L. Pollard,        | Anamosa      |
| Calkins, Fred E.                | R. W. Calkins,        | Clarks, Neb. |
| Davis, Metta E.                 | C. B. Adams,          | Sac City     |
| Day, Henry L.                   | P. E. Triem,          | Manchester   |
| Farnum, Earl P.                 | A. T. Huxley,         | Mason City   |
| Harding, Alex. F.<br>(Special)  | Emma F. Richardson,   | Cedar Rapids |
| Irwin, Chas. T. H.              | Drs. Irwin and Irwin, | Earlham      |
| Marble, Pearl L.                | Thos. Phillips,       | Raymond      |
| McCabe, Fordyce                 | A. C. McAllister,     | Muscatine    |
| Metzinger, John J.              | Faculty,              | Iowa City    |
| McGarvey, Marie M.<br>(Special) | I. L. Vanderver,      | Blue Grass   |

| NAME.                      | PRECEPTOR.      | RESIDENCE.        |
|----------------------------|-----------------|-------------------|
| Moulton, Horace            | C. W. Smith,    | Maquoketa         |
| Mulckey, Carl              | A. E. Holloway, | Knoxville         |
| Philo, Wm. A.<br>(Special) | G. G. Given,    | Iowa City         |
| Pitinger, Fred A.          | H. P. Ustick,   | Boise City, Idaho |
| Ruggles, C. P.             | Faculty,        | Milton, Mass.     |
| Unkrich, C. Rudy           | W. H. Conner,   | Fairfield         |
| Woodward, Stillman,        | C. C. Wiggins,  | Osage             |
| Worthen, Jeff. M.          | J. W. Parker,   | Warsaw, Ill.      |
| Young, Glyndon A.          | J. Hermann,     | Sioux City        |

## NURSES.

## SENIOR.

|                              |               |
|------------------------------|---------------|
| Berchenbreiter, Laura F..... | North Liberty |
| Turner, Gertrude A.....      | Emmetsburg    |

## JUNIOR.

|                      |           |
|----------------------|-----------|
| Jensen, Celia A..... | Osage     |
| Raff, Mary A.....    | Maquoketa |

## PUPIL.

|                           |           |
|---------------------------|-----------|
| Bailey, Ella M.....       | Iowa City |
| Coldren, May G.....       | "         |
| Corlett, Clara.....       | "         |
| Hartman, Mrs. S. A.....   | "         |
| Jacobs, Marcial A.....    | "         |
| Plambeck, Theodora C..... | Grinnell  |
| Purdy, Winifred.....      | Iowa City |
| Walsh, Sarah L.....       | "         |
| White, Dora.....          | "         |



## THE HOMŒOPATHIC MEDICAL DEPARTMENT.

Four sessions of six months each are required for graduation, when the degree M. D., is conferred, and the graduates are entitled to registration by the State Board of Medical Examiners.

During the year 1895-96, instruction was given by twenty professors and assistants, and the number of students enrolled was seventy-nine.

## THE DENTAL DEPARTMENT.

The full course requires attendance during three sessions of six months each. On the completion of the course the degree D. D. S., is conferred, and the graduates are entitled to registration by the State Board of Dental Examiners.

During the year 1895-96, instruction was given by twenty-one professors and assistants, and the number of students enrolled was two hundred and thirteen.

## THE PHARMACY DEPARTMENT.

The course in this department comprises two sessions of six months each. On its completion the degree Ph. G., is conferred upon all candidates who have had three years or more experience in a pharmacy in which prescriptions are compounded.

During the year 1895-96, instruction was given by nine professors and assistants, and the number of students enrolled was eighty-two.

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The total number of different students in all departments of the University during the year 1895-96 was thirteen hundred.

The University is well supplied with laboratories and apparatus. Among the former may be mentioned the Chemical Laboratory, recently erected at an expense of \$50,000, in which building is also located the Pharmacy Laboratory; the Physical Laboratory, Laboratories for Animal Morphology and Physiology; the Botanical Laboratory; the Psychological Laboratory; the Pathological Laboratory; the Engineering Laboratories; the Dental Laboratories.

The Museum of Natural History contains large collections of specimens which are used in the work of instruction in Geology, in Zoology, in Botany, etc.

The Libraries of the University contain over 40,000 volumes.

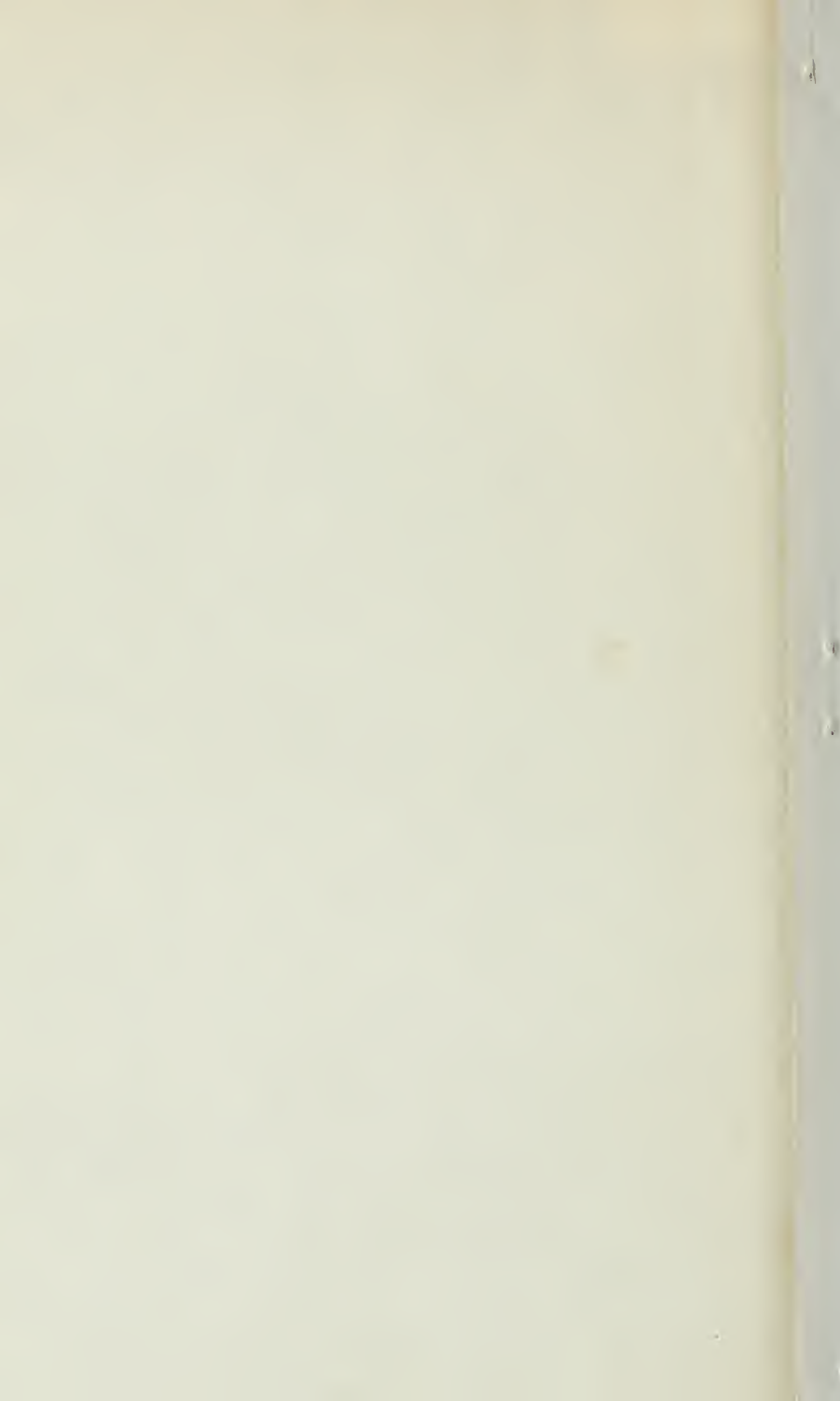
For further information as to any of the Departments address,

CHARLES A. SCHAEFFER,

President of the University.









UNIVERSITY OF ILLINOIS-URBANA



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